



STIC Search Report

EIC 2600

STIC Database Tracking Number: 135516

TO: JulieAnne Watko
Location: PK2-4R13
Art Unit : 2673
Monday, February 14, 2005

Case Serial Number: 10/619,658

From: Samir Patel
Location: EIC 2600
PK2-3C03
Phone: 306-0254

Samir.patel@uspto.gov

Search Notes

Dear Examiner

Please find attached the search results for 10/619,658. I have used the search strategy I emailed to you to edit. I have searched the standard Dialog files, IEEE, Proquest and the internet.

If you would like a re-focus please let me know.

Thank you

Samir Patel

Access DB# 144573

FER

SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: Julie Anne Watko Examiner #: 77602 Date: 02/08/2005
 Art Unit: 2653 Phone Number 305-7742 Serial Number: 10 619 658
 Mail Box and Bldg/Room Location: CPK2-4R13 Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

 Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: Portable CD Player w/ built-in CD Storage Mech.Inventors (please provide full names): Rafferty, CarynEarliest Priority Filing Date: 07/18/2002

For Sequence Searches Only Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

A {CD} player with a storage compartment
 {optical disc
 DVD}

OR

A {CD storage box
 carrying case
 magazine} with a built-in CD {player
 drive}

see attached
 claims & Fig.

(It doesn't need to be portable)

Please search in {phonographic} too
 {record players
 toy recorders
 stereo cabinets}

STAFF USE ONLY

	Type of Search	Vendors and cost where applicable
Searcher: <u>Patricia A. ...</u>	NA Sequence (#) _____	STN _____
Searcher Phone #: <u>305 6284</u>	AA Sequence (#) _____	Dialog <u>15.4</u>
Searcher Location: <u>PK2-2005</u>	Structure (#) _____	Questel/Orbit _____
Date Searcher Picked Up: <u>11/04/2004</u>	Bibliographic <u>✓</u>	Dr.Link _____
Date Completed: <u>11/04/2004</u>	Litigation _____	Lexis/Nexis _____
Searcher Prep & Review Time: <u>1.0</u>	Fulltext <u>✓</u>	Sequence Systems _____
Clerical Prep Time: _____	Patent Family _____	WWW/Internet <u>✓</u>
Online Time: <u>1.0</u>	Other _____	Other (specify) _____

Patent Assignee: PHILIPS GLOEILAMPENFAB NV (PHIG)

Inventor: NAKAYAMA M S

Number of Countries: 004 Number of Patents: 006

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 3328328	A	19840216	DE 3328328	A	19830805	198408 B
GB 2126004	A	19840314	GB 8321312	A	19830808	198411
FR 2531799	A	19840217				198412
US 4561078	A	19851224	US 83517174	A	19830725	198603
GB 2126004	B	19860212				198607
DE 3328328	C	19911128				199148

Priority Applications (No Type Date): JP 82146671 A 19820823; JP 82140061 A 19820811; JP 82143638 A 19820818; JP 82144391 A 19820819; JP 82145166 A 19820820

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
DE 3328328	A		30		

Compact disc player with automatic changer...

...Abstract (Basic): A record-disc changer comprising a **record - disc player** with a turntable, and a storage and loading apparatus for storing a plurality of record...

...of the recess for the passage of the turntable through the disc holder, and the **disc** store, with the **magazine** , being movable in upward and downward directions to bring the disc holder which is carrying the selected **disc** in the **magazine** to a prescribed position at a predetermined level, a mechanism for raising and lowering the...

...The compact **disc player** esp. of optical type, has an optical sensor located in the base of the turntable...

...respectively. A motor has pulley that drives a belt with a pair of pulleys with **integral** leadscrews. The leadscrews operating on the underside of the turntable support plate. A top clamp...

...the side of the turntable unit and which contains a number of slots for the **disc** cassettes. The **magazine** is raised and lowered by a cord from a reel and passes over guide wheels...

...Abstract (Equivalent): A record-disc changer comprising a **record - disc player** with a turntable, and a storage and loading apparatus for storing a plurality of record...

...of the recess for the passage of the turntable through the disc holder, and the **disc** store, with the **magazine** , being movable in upward and downward directions to bring the disc holder which is carrying the selected **disc** in the **magazine** to a prescribed position at a predetermined level, a mechanism for raising and lowering the...

...Abstract (Equivalent): The **disc** changer has a **player** deck with a turntable and a light pen and a loading device. The loading device comprises a platform which is movable up and down relative to the turntable, a **box** with several **disc** holders, horizontally slidable into and out of the platform and provided with a hole...

26/3,K/1 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

015963647 **Image available**

WPI Acc No: 2004-121488/200412

XRPX Acc No: N04-097341

Portable CD player , has hinged door providing access to storage compartment within player body, and storage compartment spatially supports CD storage mechanism configured to store CD disks for access and selection by user

Patent Assignee: RAFFERTY C P (RAFF-I)

Inventor: RAFFERTY C P

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20040013070	A1	20040122	US 2002397169	P	20020718	200412 B
			US 2003619658	A	20030714	

Priority Applications (No Type Date): US 2002397169 P 20020718; US 2003619658 A 20030714

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20040013070	A1	9	G11B-033/02	Provisional application US 2002397169

Portable CD player , has hinged door providing access to storage compartment within player body, and storage compartment spatially...

Inventor: RAFFERTY C P

Abstract (Basic):

... The CD player has an integrated CD storage mechanism, thereby allowing several extra CDs to be stored and retrieved without affecting operation of the CD player .

...

...The drawing shows a side elevation view of a CD player showing an apparatus for storing CDs...

... CD player (201

29/3,K/1 (Item 1 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2005 JPO & JAPIO. All rts. reserv.

04913467 **Image available**
CASE FOR COMPACT DISK

PUB. NO.: 07-206067 [JP 7206067 A]
PUBLISHED: August 08, 1995 (19950808)
INVENTOR(s): ROJIYAA KOON
APPLICANT(s): SONY CORP [000218] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 06-003508 [JP 943508]
FILED: January 18, 1994 (19940118)

ABSTRACT

PURPOSE: To eliminate such a trouble with a CD case for receiving and carrying a CD, which is put into a portable CD player to play it back, that replacing CD requires a long time...

29/3,K/2 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

016445075 **Image available**
WPI Acc No: 2004-602991/200458
XRPX Acc No: N04-476951

Bundled digital media content file stores primary advertisement content which is played, based on header information, before playing primary media content in player

Patent Assignee: BERKSON A (BERK-I); NADARAJAH S (NADA-I)

Inventor: BERKSON A; NADARAJAH S

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20040148424	A1	20040729	US 2003350569	A	20030124	200458 B

Priority Applications (No Type Date): US 2003350569 A 20030124

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20040148424	A1	18	G06F-015/16	

Abstract (Basic):

... audio and video content, advertisement which are transmitted through internet to client device e.g. disk player, personal computer, personal digital assistants (PDA), standalone hardware player, standalone portable players, Kiosks or set top boxes for storage in compact disk (CD), floppy disk, zip disk, digital versatile disk (DVD)...

29/3,K/3 (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

016421389 **Image available**
WPI Acc No: 2004-579302/200456
XRPX Acc No: N04-457863

Dumbbell stand for exercise system, has two supports coupled to define

one configuration in which distance is defined between leg portions, and to define another configuration in which greater distance is defined between portions

Patent Assignee: KRULL M A (KRUL-I)

Inventor: KRULL M A

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20040138031	A1	20040715	US 2003345428	A	20030115	200456 B

Priority Applications (No Type Date): US 2003345428 A 20030115

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20040138031	A1	14	A63B-021/78	

Abstract (Basic):

... used to hold personal items e.g. notepad, jewelry, hand-held remote control device, folded **magazine** , portable **CD player** , or a towel, for increasing user convenience...

29/3,K/4 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.

016362727 **Image available**

WPI Acc No: 2004-520634/200450

XRPX Acc No: N04-412473

Clutch mechanism e.g. for disc recording and reproducing apparatus, has levers arranged in piled state and supported at one surface of mechanism base and has springs to connect levers

Patent Assignee: SONY CORP (SONY)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2004176783	A	20040624	JP 2002342237	A	20021126	200450 B

Priority Applications (No Type Date): JP 2002342237 A 20021126

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2004176783	A	11	F16B-001/02	

Abstract (Basic):

... For disk recording and reproducing apparatus, for cover and **case lock mechanism of portable mini disc recorder , storage apparatus...**

29/3,K/5 (Item 4 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.

013894397 **Image available**

WPI Acc No: 2001-378610/200140

XRPX Acc No: N01-277384

Packing box for portable mini disk players , has product storage portion and accessory storage portion in which buffer flap is inserted so as to extend bottom corner of box

Patent Assignee: RENGO CO LTD (RENJ); SHARP KK (SHAF)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2001114255	A	20010424	JP 99289648	A	19991012	200140 B

Priority Applications (No Type Date): JP 99289648 A 19991012

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2001114255	A		6 B65D-005/44	

Packing box for portable mini disk players , has product storage portion and accessory storage portion in which buffer flap is inserted so as to extend bottom corner of box

Abstract (Basic):

... For packing portable mini disk players .

29/3,K/6 (Item 5 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.

012040409 **Image available**

WPI Acc No: 1998-457319/199839

XRFX Acc No: N98-356890

Portable apparatus e.g. for providing shared resources to several computers - has portable network server mother board and several removable storage devices to selectively configure apparatus with each storage device storing different category or resources

Patent Assignee: ELECTRONIC DATA SYSTEMS CORP (ELDA-N)

Inventor: SOPKO K M

Number of Countries: 021 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9836345	A1	19980820	WO 98US2270	A	19980213	199839 B
EP 960367	A1	19991201	EP 98904960	A	19980213	200001
			WO 98US2270	A	19980213	
US 6003068	A	19991214	US 97800673	A	19970214	200005
EP 960367	B1	20040616	EP 98904960	A	19980213	200439
			WO 98US2270	A	19980213	
DE 69824553	E	20040722	DE 98624553	A	19980213	200450
			EP 98904960	A	19980213	
			WO 98US2270	A	19980213	

Priority Applications (No Type Date): US 97800673 A 19970214

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
WO 9836345	A1	E 30	G06F-001/16	

Designated States (National): CA JP

Designated States (Regional): AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE

EP 960367	A1	E	G06F-001/16	Based on patent WO 9836345
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Designated States (Regional): BE CH DE DK FI FR GB GR IT LI LU NL SE

US 6003068	A		G06F-013/00	
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EP 960367	B1	E	G06F-001/16	Based on patent WO 9836345
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Designated States (Regional): BE CH DE DK FI FR GB GR IT LI LU NL SE

DE 69824553	E		G06F-001/16	
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Based on patent EP 960367

Based on patent WO 9836345

...Abstract (Basic): hub is operable to connect the portable network server motherboard to the external devices. The storage devices comprise

several hot-swappable **disk drives** . The apparatus has a **portable carrying case** which surrounds the **portable network server motherboard**, the removable storage devices, the portable removable storage device receivers, and the...

29/3,K/7 (Item 6 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

010589793 **Image available**
WPI Acc No: 1996-086746/199609
XRPX Acc No: N96-072785

Carrying case for portable hard disk drive - has rotating cover and contains elastic insert to secure disk drive against movement and provides protection against mechanical shock

Patent Assignee: MAXTOR CORP (MAXT-N)
Inventor: CUCCIO A; HAGERMAN J
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5484063	A	19960116	US 94227272	A	19940413	199609 B

Priority Applications (No Type Date): US 94227272 A 19940413

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 5484063	A	5	B65D-073/02	

Carrying case for portable hard disk drive - ...

...has rotating cover and contains elastic insert to secure disk drive against movement and provides protection against mechanical shock

...Abstract (Basic): any mechanical shock load that is applied to the case and prevents damage to the **disk drive** . The elastic insert also prevents the **disk drive** from moving in the case. The drive is loaded into the case by rotating the...

...into the open position and inserting the drive into the slot of the insert. The **disk drive** is then enclosed by rotating the cover back into the closed position...

...USE-provides protection for portable **disk drive** during transportation or storage...

29/3,K/8 (Item 7 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

007222083
WPI Acc No: 1987-219091/198731
XRAM Acc No: C87-092337
XRPX Acc No: N87-163842

Mfg. moulding with embossed hologram image - by placing image forming stamper plate in mould, injection moulding and processing embossed surface with low temp. plasma

Patent Assignee: TOPPAN PRINTING CO LTD (TOPP)
Number of Countries: 001 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 62146624	A	19870630	JP 85287264	A	19851220	198731 B
JP 94000404	B2	19940105	JP 85287264	A	19851220	199404

Priority Applications (No Type Date): JP 85287264 A 19851220

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 62146624	A		3		
JP 94000404	B2		3	B32B-033/00	Based on patent JP 62146624

...Abstract (Basic): USE/ADVANTAGE - Moulding with hologram image is useful for electrical appliances (**portable** cassette tape **recorder** , compact **disc storage case** , etc.), cosmetic containers etc. Hologram is formed on moulding surface at the same time as...

?

File 344:Chinese Patents Abs Aug 1985-2004/May
(c) 2004 European Patent Office
File 347:JAPIO Nov 1976-2004/Oct(Updated 050208)
(c) 2005 JPO & JAPIO
File 350:Derwent WPIX 1963-2005/UD,UM &UP=200509
(c) 2005 Thomson Derwent

Set	Items	Description
S1	170212	(CD OR DISK?? OR DISC??) (3N) (PLAYER?? OR DRIVE?? OR RECORD-ER??)
S2	100564	STORAG?? (3N) (COMPART???? OR SECTION?? OR AREA?? OR BOX?? OR CHAMBER?? OR ENCLOSUR?? OR CONTAINER??)
S3	23997	(CD OR DISK? ? OR DISC? ?) (3N) (STORAGE?? OR MAGAZIN?? OR B-BOX?? OR CASE?? OR COMPART???? OR ENCLOSUR?? OR CABIN??)
S4	2820	(CD OR DISK? ? OR DISC? ?) (3N) (STORAGE?? OR CARRYING??) (3N-) (BOX?? OR CASE???) OR (CD OR DISK? ? OR DISC? ?) (3N)MAGAZIN?-??
S5	2249725	BUILTIN OR INBUILT OR IN(2N)BUILT?? OR INTEGRA???? OR ATTA-CH???? OR UNITED OR UNITARY OR (SINGLE OR ONE) (3N)COMPONENT?? OR (ONE OR SINGLE) ()PIECE??
S6	7695	PHONOGRAPH?? OR RECORD??? (3N)PLAYER?? OR TOY (3N)RECORDER?? OR STEREO (3N)CABINET??
S7	8	AU=(RAFFERTY C? OR RAFFERTY, C?)
S8	1101	S1 AND S2
S9	108	S8 AND S5
S10	147	S1 (5N)S2
S11	18	S10 AND S5
S12	35	S9 AND IC=(G11B? OR B65D-39? OR B65D-43? OR B65D-85?)
S13	33	S12 NOT AD=20020718:20050214/PR
S14	27	S13 NOT S11
S15	82	S1 AND S4 AND S5
S16	73	S15 AND IC=(G11B? OR B65D-39? OR B65D-43? OR B65D-85?)
S17	0	S16 AND IC=G11B-33?
S18	2161	S5 (5N)S1
S19	12	S18 AND S4
S20	12	S19 NOT (S13 OR S11)
S21	2558	S6 AND S1
S22	333	S21 AND S5
S23	14	S22 AND S3
S24	13	S23 NOT (S13 OR S11 OR S20)
S25	1	S7 AND S1
S26	1	S25 NOT (S13 OR S11 OR S20 OR S24)
S27	17	PORTABLE?? (5N)S4
S28	8	S27 AND S1
S29	8	S28 NOT (S13 OR S11 OR S20 OR S24 OR S26)

11/3,K/1 (Item 1 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2005 JPO & JAPIO. All rts. reserv.

06579730 **Image available**
COMMUNICATION TERMINAL COPING WITH VOICE GUIDANCE AND RECORDING MEDIUM
RECORDING PROGRAM COPING WITH VOICE GUIDANCE

PUB. NO.: 2000-165521 [JP 2000165521 A]
PUBLISHED: June 16, 2000 (20000616)
INVENTOR(s): TANABE KEISUKE
HAMA KENTARO
APPLICANT(s): SHARP CORP
APPL. NO.: 10-335106 [JP 98335106]
FILED: November 26, 1998 (19981126)

ABSTRACT

... the like where a display section and a selection section displaying the layout data are **integrated**, a tone generator (1-9) that generates a tone assigned to a selected layout, a...

...a medium read section (1-11) that represents a connection device such as a floppy **disk drive**, and an internal **storage section** (1-12) that reads the control circuit program from the external storage section (1-10) ...

11/3,K/2 (Item 2 from file: 347)
DIALOG(R)File 347:JAPIO
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05682859 **Image available**
NON-VOLATILE STORAGE DEVICE AND CONTROL METHOD FOR THE SAME

PUB. NO.: 09-297659 [JP 9297659 A]
PUBLISHED: November 18, 1997 (19971118)
INVENTOR(s): TANAKA TOMOHARU
OUCHI KAZUNORI
APPLICANT(s): TOSHIBA CORP [000307] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 08-109745 [JP 96109745]
FILED: April 30, 1996 (19960430)

ABSTRACT

...BE SOLVED: To provide an inexpensive, high-reliability and highperformance non- volatile storage device by **integrating** a hard disk drive and a semiconductor disk drive...

...SOLUTION: An **integrated** drive unit 7 is one drive unit to allocate a single drive number, the storage area of a flash memory 6 to be used as the semiconductor **disk drive** is used as a 1st **storage area** at one part among all the storage areas of the **integrated** drive unit 7, and the **storage areas** of a hard **disk drive** 5 having storage capacity more than that of the flash memory 6 are used for the remaining 2nd **storage areas**. Therefore, since these hard **disk drive** 5 and flash memory 6 are handled as different storage areas inside one **integrated** drive unit 7, a CPU 1 can selectively access the **storage area** of the hard **disk drive** 5 and the **storage area** of the flash memory 6 with the single drive number.

11/3,K/3 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

016347449 **Image available**
WPI Acc No: 2004-505538/200448
XRPX Acc No: N04-399287

Incompatible disk drive adapting method for data storage system of computer system, involves transmitting signal from disk module to control board determined to be incompatible with installed drive, to allow the board to bypass drive

Patent Assignee: BEAUCHAMP R W (BEAU-I); PEEKE D E (PEEK-I); EMC CORP (EMCE-N)

Inventor: BEAUCHAMP R W; PEEKE D E
Number of Countries: 001 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20040117517	A1	20040617	US 2002320212	A	20021216	200448 B
US 6829658	B2	20041207	US 2002320212	A	20021216	200480

Priority Applications (No Type Date): US 2002320212 A 20021216

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20040117517	A1	12	G06F-003/00	
US 6829658	B2		G06F-003/00	

Abstract (Basic):

... The type of control board is determined to be incompatible with the disk drive installed in the storage enclosure, in response to the control board signal received at disk drive. Another signal is transmitted...

... For adapting incompatible disk drive such as advanced technology attachment (ATA) disk drive and fiber channel (FC) disk drive installed in data storage system used...

11/3,K/4 (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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015874862 **Image available**
WPI Acc No: 2004-032693/200403
XRPX Acc No: N04-025809

Data storage device monitoring method in storage area network, involves sorting data storage device that exhibits symptoms of prehead crash using acquired status information, and performing preventive maintenance action

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)

Inventor: SMITH G J

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030204788	A1	20031030	US 2002134960	A	20020429	200403 B

Priority Applications (No Type Date): US 2002134960 A 20020429

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20030204788	A1	10	H02H-003/05	

Abstract (Basic):

... For monitoring data storage devices such as optical **disk drive** , tape **drive** in computer system (claimed) in **storage area network (SAN)**, redundant array of independent disks (RAID) and network **attached storage (NAS)**...

11/3,K/5 (Item 3 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

015770238 **Image available**
WPI Acc No: 2003-832440/200377
XRPX Acc No: N03-665395

Enclosure for computer storage devices e.g. hard disk , has drive bracket with front plate that defines opening corresponding to window to provide external access to device, and side plates with railways sliding along guideways

Patent Assignee: GAN L Y (GANL-I); LIN W (LINW-I); HON HAI PRECISION IND CO LTD (HONH-N)

Inventor: GAN L Y; LIN W

Number of Countries: 001 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030202321	A1	20031030	US 2002174428	A	20020617	200377 B
US 6754071	B2	20040622	US 2002174428	A	20020617	200442

Priority Applications (No Type Date): TW 2002U205979 U 20020430

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
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US 20030202321	A1	8	G06F-001/16	
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US 6754071	B2		G06F-001/16	
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Enclosure for computer storage devices e.g. hard disk , has drive bracket with front plate that defines opening corresponding to window to provide external access to...

Abstract (Basic):

... 140) has a railway (142), which slide along guideways (282), whereby the bracket is pivotably **attached** to a cage (200).
... Used for **attaching** storage devices...

...The computer enclosure with a drive bracket readily **attaches** a data storage device to the computer enclosure in a simple manner. The enclosure eliminates...

11/3,K/6 (Item 4 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

015740776 **Image available**
WPI Acc No: 2003-802977/200375
XRPX Acc No: N03-643637

Configuration assigning method for collection of hard disk drive, involves identifying specific configuration using configuration identifier, for assigning to two labels of all disks

Patent Assignee: HITZ D (HITZ-I); RODRIGUES S H (RODR-I)

Inventor: HITZ D; RODRIGUES S H

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
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US 20030182494 A1 20030925 US 2002105872 A 20020320 200375 B

Priority Applications (No Type Date): US 2002105872 A 20020320

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20030182494	A1		27	G06F-013/28	

Abstract (Basic):

... configuration to collection of storage units such as volatile/non-volatile random access memory, floppy drives, hard disk drives, tape drives, optical drives, network attached storage (NAS) and storage area network (SAN) devices, redundant array of inexpensive disk (RAID) groups, direct access storage devices (DASD...

11/3,K/7 (Item 5 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.

015109249 **Image available**

WPI Acc No: 2003-169768/200317

XRPX Acc No: N03-134147

Network appliance e.g. printer, facsimile, has trusted platform module which is accessible by network connector for performing identification and integrity reporting function

Patent Assignee: HEWLETT-PACKARD CO (HEWP); LAWMAN M J (LAWM-I); PEARSON S L (PEAR-I)

Inventor: LAWMAN M J M; PEARSON S L; LAWMAN M J

Number of Countries: 002 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
GB 2377137	A	20021231	GB 200115636	A	20010627	200317 B
US 20030028807	A1	20030206	US 2002180964	A	20020627	200318
GB 2377137	B	20041020	GB 200115636	A	20010627	200469

Priority Applications (No Type Date): GB 200115636 A 20010627

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
GB 2377137	A		18	G11B-020/00	
US 20030028807	A1			H04L-009/00	
GB 2377137	B			G11B-020/00	

Abstract (Basic):

... A trusted platform module (2) is connected for communication with an application specific integration circuit (5) and is accessible by a iSCSI connector (7), for performing identification and integrity...

... Network appliance e.g. printer, facsimile for network attached storage (NAS) and storage area network (SAN) environments comprising tape drive, disk drive, or magnetic box storage devices...

... Integration circuit (5)

11/3,K/8 (Item 6 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.

014884668 **Image available**

WPI Acc No: 2002-705374/200276
XRPX Acc No: N02-555987

Shielding device for computer enclosure, has conductive shell with several springs electrically contacting and covering bay arranged in drive bracket, and supported by rails which are detachably attached to it

Patent Assignee: HON HAI PRECISION IND CO LTD (HONH-N)

Inventor: CHEN K; LIU A; LIU Y T

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6442020	B1	20020827	US 2000632076	A	20000802	200276 B

Priority Applications (No Type Date): TW 2000U203754 U 20000309

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 6442020	B1	9	G06F-001/16	

... contacting and covering bay arranged in drive bracket, and supported by rails which are detachably attached to it

Abstract (Basic):

... with several springs, electrically contacts and covers a bay arranged in a drive bracket (82) **attached** to the front panel (86) of a computer enclosure (80), to shield the bay from electromagnetic interference. A pair of rails (16) is detachably **attached** to the shell, for supporting the shell.

... Shielding device mounted to drive bracket of computer **enclosure** receiving data **storage** device such as **CD -ROM drive** and floppy **disk drive**.

...Provides shielding device which is readily **attached** to computer enclosure to protect data storage devices in computer enclosure from outside electromagnetic interference

...Title Terms: **ATTACH**

11/3,K/9 (Item 7 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

014845854 **Image available**
WPI Acc No: 2002-666560/200271
XRPX Acc No: N02-527488

Storage area network for computer system, has host bus adapter which performs port login with target device only when target device is assigned to host

Patent Assignee: CHERIAN J (CHER-I); TAWIL A (TAWI-I)

Inventor: CHERIAN J; TAWIL A

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020103913	A1	20020801	US 2001770571	A	20010126	200271 B

Priority Applications (No Type Date): US 2001770571 A 20010126

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20020103913	A1	11	G06F-015/16	

Abstract (Basic):

... **Storage area network containing storage device such as hard disk drive , other integrated non-volatile memory, SCSI device or fiber channel device for computer system (claimed**

11/3,K/10 (Item 8 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.

014673979 **Image available**

WPI Acc No: 2002-494683/200253

XRPX Acc No: N02-391265

Auto balancer used in disc drive , has balls stored in ball storage chamber and annular magnetic ball attachment portion formed surrounding internal circumferential surface of ball storage chamber

Patent Assignee: MATSUSHITA DENKI SANGYO KK (MATU)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2002130378	A	20020509	JP 2000320623	A	20001020	200253 B

Priority Applications (No Type Date): JP 2000320623 A 20001020

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2002130378	A	13	F16F-015/31	

Auto balancer used in disc drive , has balls stored in ball storage chamber and annular magnetic ball attachment portion formed surrounding internal circumferential surface of ball storage chamber

Abstract (Basic):

... has balls (11) stored inside an annular ball storage chamber (3). An annular magnetic ball **attachment** portion (8) is formed surrounding the internal circumferential surface (7) of the ball storage chamber...

... excellent stability in auto balancer. Has reduced ball storage chamber size and ensures easy ball **attachment** in ball storage chamber

...Magnetic ball **attachment** portion (8...

...Title Terms: **ATTACH** ;

11/3,K/11 (Item 9 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.

014612640 **Image available**

WPI Acc No: 2002-433344/200246

XRPX Acc No: N02-340938

Adjustable rack mountable storage enclosure for hard disk drive , control electronics, power supplies, has rail with opposing interior and exterior ends, for slidable and removable insertion into guide paths

Patent Assignee: NOSTOR CORP (NSTO-N)

Inventor: CARBONNEAU G A; KIBLER L G

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6360900	B1	20020326	US 2000670117	A	20000926	200246 B

Priority Applications (No Type Date): US 2000670117 A 20000926

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6360900	B1		14	A47F-005/00	

Adjustable rack mountable storage enclosure for hard disk drive , control electronics, power supplies, has rail with opposing interior and exterior ends, for slidable and...

Abstract (Basic):

... and removable insertion into the guide path. Each rail's exterior includes a respective adapter **attachable** to a predefined rack mount post.

11/3,K/12 (Item 10 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.

013271573 **Image available**

WPI Acc No: 2000-443481/200039

XRPX Acc No: N00-330767

Fertilizer broadcaster has dispenser elements in bottom of storage container, centrifugal discs with ejector elements, gear in housing

Patent Assignee: AMAZONEN-WERKE DREYER GMBH H (DREY)

Inventor: DREYER H; LUEHRMANN J; WALTER A

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 19856525	A1	20000615	DE 1056525	A	19981208	200039 B

Priority Applications (No Type Date): DE 1056525 A 19981208

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
DE 19856525	A1		7	A01C-017/00	

Abstract (Basic):

... of which are dispenser elements (5) which convey adjustable quantities of the contents of the **storage container** to rotarily **driven** centrifugal **discs** (6) possessing ejector elements (7). The discs are driven at differing speeds by means of gears. The gear producing different rotational speeds is **integrated** in the housing (10) of the angular gear belonging to the one centrifugal disc.

11/3,K/13 (Item 11 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.

012708070 **Image available**

WPI Acc No: 1999-514179/199943

XRPX Acc No: N99-383815

Cover structure of battery storage chamber for small tape recorder, headphone stereo, etc - attaches guide rail unit provided on one end of rotating unit to groove provided on battery cover

Patent Assignee: SONY CORP (SONY)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 11224654	A	19990817	JP 9828619	A	19980210	199943 B

Priority Applications (No Type Date): JP 9828619 A 19980210

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes
JP 11224654 A 5 H01M-002/10

... attaches guide rail unit provided on one end of rotating unit to groove provided on battery

...Abstract (Basic): USE - For battery storage chamber of headphone stereo, magnetic disk drive, small tape recorder, etc...

...Title Terms: ATTACH;

11/3,K/14 (Item 12 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.

012346968 **Image available**

WPI Acc No: 1999-153075/199913

XRPX Acc No: N99-110348

Extender frame for cooling hard disk drive

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)

Inventor: SCHIRLE N B

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5870247	A	19990209	US 96747481	A	19961112	199913 B

Priority Applications (No Type Date): US 96747481 A 19961112

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes
US 5870247 A 7 G11B-017/02

Abstract (Basic):

... circuit board (28) and enclosure (18) when frame is engaged between them. Thermally conductive (64) attached to base plate, contacts bottom surface (24) of enclosure.

... Improves heat removal capability of hard disk drive without requiring redesign of drive enclosure, computer or data storage system that houses the drive or drives. Eases operation and cost is reduced. Provides good...

11/3,K/15 (Item 13 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.

010645168 **Image available**

WPI Acc No: 1996-142122/199615

XRPX Acc No: N96-118914

Multidirectional fluid control valve for channel switching - has motor actuated valve disc with peripheral groove formation that suits junction part adjoining partition member

Patent Assignee: SHOWA TEKKO KK (SHOW-N)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 8028725	A	19960202	JP 94168486	A	19940720	199615 B

Priority Applications (No Type Date): JP 94168486 A 19940720
Patent Details:
Patent No Kind Lan Pg Main IPC Filing Notes
JP 8028725 A 8 F16K-011/085

...Abstract (Basic): The control valve has a casing (A) with a **storage chamber** (3) to house a valve **disc** (B) **driven** by a motor (C) **attached** on top. The multidirectional channel formation of the valve disc is made using plastic partition...

11/3,K/16 (Item 14 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

007691089 **Image available**
WPI Acc No: 1988-325021/198846
XRPX Acc No: N88-246271

Disc drive with carousel magazine - has magazine built in to provide access to large number of discs

Patent Assignee: PHILIPS PATENTVERWALTUNG GMBH (PHIG)
Inventor: DEIS A

Number of Countries: 005 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 291134	A	19881117	EP 88200942	A	19880511	198846 B
DE 3715942	A	19881124	DE 3715942	A	19870513	198848
US 5027335	A	19910625	US 88235146	A	19880511	199128

Priority Applications (No Type Date): DE 3715942 A 19870513
Patent Details:
Patent No Kind Lan Pg Main IPC Filing Notes
EP 291134 A G 4
Designated States (Regional): DE FR GB IT

... **has magazine built in to provide access to large number of discs**

...Abstract (Equivalent): funnel and an unloading funnel arranged respectively above and underneath a receiving compartment of the **disc - drive** arrangement. Each **storage compartment** has an associated releasable holding device for the discs. The receiving compartment of the disc...

11/3,K/17 (Item 15 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

004497642
WPI Acc No: 1986-000986/198601
XRPX Acc No: N86-000754

Automatic record changer for compact disc player - has carriage-mounted drive unit with transfer unit having disc guide as disc inlet with buffer preventing playing side touching mechanism

Patent Assignee: TOSHIBA KK (TOKE)

Inventor: MORINAGA K

Number of Countries: 004 Number of Patents: 006

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 3521474	A	19851219	DE 3521474	A	19850614	198601 B

GB 2162991	A	19860212	GB 8514774	A	19850611	198607
GB 2162991	B	19880224				198808
US 4734898	A	19880329	US 85744677	A	19850614	198816
DE 3521474	C	19890302				198909
KR 9000637	B	19900202				199051

Priority Applications (No Type Date): JP 84123117 A 19840615; JP 84123116 A 19840615

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
DE 3521474	A		33		

...Abstract (Basic): may be extracted by swinging through an arc. The disc changer has a chassis with **integral** side plates. Guide elements are provided to provide a location for the slide-in magazine...

...Abstract (Equivalent): and restoring a predetermined disc or a number of discs stored therein, the autochanger type **disc player** comprising: a **disc storage section** capable of storing a plurality of discs upright and in parallel with each other therein...

...Abstract (Equivalent): The **disc player** includes a **disc storage area** able to store a plurality of closely spaced discs, a disc playing mechanism, and a...

11/3,K/18 (Item 16 from file: 350)
 DIALOG(R)File 350:Derwent WPIX
 (c) 2005 Thomson Derwent. All rts. reserv.

004377621

WPI Acc No: 1985-204499/198534

XRPX Acc No: N85-153431

Automatic optical disc change mechanism - uses tray on which discs are held vertically and traversing disc selection and transfer mechanism

Patent Assignee: TOSHIBA KK (TOKE)

Inventor: KUROKAWA H; SHIMBO T

Number of Countries: 006 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 151807	A	19850821	EP 84116404	A	19841227	198534 B
US 4633452	A	19861230	US 84686392	A	19841226	198703
EP 151807	B	19891213				198950
DE 3480751	G	19900118				199004
KR 8903205	B	19890826				199034

Priority Applications (No Type Date): JP 83244463 A 19831227

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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EP 151807	A	E	48		
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Designated States (Regional): DE FR GB NL

EP 151807	B	E			
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Designated States (Regional): DE FR GB NL

...Abstract (Basic): on the disc storage section to the disc playback section. A wire whose ends are **attached** to the disc transfer mechanism prevents the discs held in the disc storage tray from...

...Abstract (Equivalent): restoring a predetermined disc of a number of discs (201) stored therein, the autochanger type **disc player** comprising a **disc storage section** (101) capable of storing therein a plurality of discs upright and in parallel with each...

14/3,K/1 (Item 1 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2005 JPO & JAPIO. All rts. reserv.

06169368 **Image available**
SIGNAL RECORDING AND REPRODUCING DEVICE AND METHOD

PUB. NO.: 11-110915 [JP 11110915 A]
PUBLISHED: April 23, 1999 (19990423)
INVENTOR(s): OTA MASASHI
TAKAHASHI TAKAO
AKIBA TOSHIYA
TOMITA MASAMI
HAMADA TOSHIMICHI
MIZUFUJI TARO
MIYATA MASANARI
NAGATOKU KOUICHI
APPLICANT(s): SONY CORP
APPL. NO.: 09-267483 [JP 97267483]
FILED: September 30, 1997 (19970930)

INTL CLASS: G11B-020/10

ABSTRACT

... by providing recording areas for a recording system and for a reproduction system and an **integrated** storage means making assignments of respective **storage areas** variable and controlling assigning of **integrated storage areas** according to a desired recording and/or a desired reproduction mode to simplify a hardware constitution.

SOLUTION: An **integrated** buffer memory 22 is arranged at the back of a band of video signal compression...

... 21 is increased at the time of recording and the waiting time of an optical **disk drive** 1 is large, an overflow is avoided by diverting a memory area for a reproduction...

14/3,K/2 (Item 2 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2005 JPO & JAPIO. All rts. reserv.

04378371 **Image available**
ELECTRONIC STILL VIDEO RECORDER

PUB. NO.: 06-022271 [JP 6022271 A]
PUBLISHED: January 28, 1994 (19940128)
INVENTOR(s): ARAI TOSHIKI
SUETAKA HIROYUKI
APPLICANT(s): CASIO COMPUT CO LTD [350750] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 05-093219 [JP 9393219]
FILED: April 20, 1993 (19930420)
JOURNAL: Section: E, Section No. 1543, Vol. 18, No. 234, Pg. 50, April 28, 1994 (19940428)

INTL CLASS: H04N-005/91; G11B-020/02 ; H04N-005/93
...JAPIO KEYWORD:Video **Disk Recorders** , VDR)

ABSTRACT

... reproduction to/from a magnetic disk without need of using, e.g. a 2-head **integral** magnetic head in the electronic still video **recorder** using the magnetic **disk** to record/reproduce a still picture video signal ...

... a picture signal by one frame is stored in the lump to a luminance signal **storage section** 11 and a color difference signal **storage section** 12 and the picture signal is read one by one field from the **storage sections** 11, 12 and sent to a magnetic disk device 15 and in the case of...

...field each from the magnetic disk device 15 is stored in the lump in the **storage sections** 11, 12 and outputted sequentially via an encoder 27.

14/3,K/3 (Item 3 from file: 347)

DIALOG(R)File 347:JAPIO

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04307157 **Image available**
MAGNETO-OPTICAL DISK DEVICE

PUB. NO.: 05-298857 [JP 5298857 A]
PUBLISHED: November 12, 1993 (19931112)
INVENTOR(s): AIZAWA YUTAKA
APPLICANT(s): RICOH CO LTD [000674] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 04-098350 [JP 9298350]
FILED: April 18, 1992 (19920418)
JOURNAL: Section: P, Section No. 1697, Vol. 18, No. 106, Pg. 16, February 21, 1994 (19940221)

INTL CLASS: G11B-025/04 ; G11B-011/10 ; G11B-020/10 ; G11B-033/12
...JAPIO KEYWORD:Video **Disk Recorders** , VDR); R131 (INFORMATION PROCESSING...

ABSTRACT

... a failure in a development stage by making an external storage part assigned to a **storage area** **attachably** /detachably and transmitting/receiving data in an interface part...

...CONSTITUTION: The external storage part assigned to the **storage area** or the working **storage area** of a control program is made **attachable** /detachable. A control part 10 uses information stored in an internal storage part 11 and...

14/3,K/4 (Item 4 from file: 347)

DIALOG(R)File 347:JAPIO

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04282980 **Image available**
TV GAME MACHINE

PUB. NO.: 05-274680 [JP 5274680 A]
PUBLISHED: October 22, 1993 (19931022)
INVENTOR(s): NAKAMURA KEISUKE
KAMIJO NORIYUKI
SUGITA TAKATOSHI

OPTICAL INFORMATION STORAGE MEDIUM

PUB. NO.: 02-218030 [JP 2218030 A]
PUBLISHED: August 30, 1990 (19900830)
INVENTOR(s): ABE MICHIHARU
APPLICANT(s): RICOH CO LTD [000674] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 01-039540 [JP 8939540]
FILED: February 20, 1989 (19890220)
JOURNAL: Section: P, Section No. 1131, Vol. 14, No. 521, Pg. 94,
November 15, 1990 (19901115)

INTL CLASS: G11B-007/24 ; G11B-007/00 ; G11B-007/09
...JAPIO KEYWORD:Video Disk Recorders , VDR); R138 (APPLIED ELECTRONICS
...

ABSTRACT

PURPOSE: To widen the **storage area** which can be used by a user by providing nonparallel pits, the front end and...

... signals 30 are extracted by sampling; thereafter, the difference in the amplitude is calculated and **integrated** , and thereby the tracking error signal is obtained

14/3,K/7 (Item 7 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2005 JPO & JAPIO. All rts. reserv.

02544630 **Image available**
RECORDING METHOD FOR OPTICAL INFORMATION RECORDING MEDIUM

PUB. NO.: 63-161530 [JP 63161530 A]
PUBLISHED: July 05, 1988 (19880705)
INVENTOR(s): UEDA YUTAKA
ABE MICHIHARU
SATO TSUTOMU
APPLICANT(s): RICOH CO LTD [000674] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 61-308016 [JP 86308016]
FILED: December 25, 1986 (19861225)
JOURNAL: Section: P, Section No. 785, Vol. 12, No. 429, Pg. 74,
November 14, 1988 (19881114)

INTL CLASS: G11B-007/00 ; G11B-011/10
...JAPIO KEYWORD:Video Disk Recorders , VDR)

ABSTRACT

... medium having a prescribed pitch of contrast pattern string in advance is used for the **storage area** capable of recording information and the optical property is changed selectively for the dark or...

...where a recording light is radiated. The reduction in the reflectance is caused for an **integral** number of light parts shown in the figure (a) is caused in response to the...

...shown in figure (c) is applied. Since the length of pits after recording is an **integral** number of multiple of the contrast pattern before recording, no pit length is deviated.

14/3,K/8 (Item 8 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2005 JPO & JAPIO. All rts. reserv.

02415863 **Image available**
ASSEMBLED TYPE OPTICAL DISK DEVICE

PUB. NO.: 63-032763 [JP 63032763 A]
PUBLISHED: February 12, 1988 (19880212)
INVENTOR(s): OGASAWARA YASUO
APPLICANT(s): NEC CORP [000423] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 61-176056 [JP 86176056]
FILED: July 25, 1986 (19860725)
JOURNAL: Section: P, Section No. 727, Vol. 12, No. 240, Pg. 140, July
08, 1988 (19880708)

INTL CLASS: G11B-017/22

ABSTRACT

... recording/reproducing means 4 to read the content of the nonvolatile random access memory 12 built in the optical disk cartridge 1 stored in a disk storage section 2 based on the key word, that is, the key word, allocates the disk storage...
... cartridge accessor 5 to extract the corresponding cartridge 1 and load it onto an optical disk drive 6, reads the data and transfers it to the host device. The cartridge 1 whose...

14/3,K/9 (Item 9 from file: 347)
DIALOG(R)File 347:JAPIO
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02355469 **Image available**
PICTURE REPRODUCING DEVICE

PUB. NO.: 62-272369 [JP 62272369 A]
PUBLISHED: November 26, 1987 (19871126)
INVENTOR(s): TSURUNO KUNIO
TAGUCHI TOMISHIGE
SAKATA TSUGUHIDE
APPLICANT(s): CANON INC [000100] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 61-116378 [JP 86116378]
FILED: May 21, 1986 (19860521)
JOURNAL: Section: P, Section No. 701, Vol. 12, No. 156, Pg. 84, May
13, 1988 (19880513)

INTL CLASS: G06F-015/62; G11B-027/00 ; H04N-005/781; H04N-005/93
...JAPIO KEYWORD:Video Disk Recorders , VDR)

ABSTRACT

PURPOSE: To intelligibly display which area of a storage device picture information is stored in, by providing a display information generating means which generates display information signals corresponding to plural storage areas in a storage means respectively...

...CONSTITUTION: A memory device 6 is controlled by a microcomputer 11 so that normal one-picture components of picture information are stored in

the whole of **storage areas** or are stored in respective divided **storage areas** . If a switch SW1 is switched to the A side, a character generator 10 inputs...

14/3,K/10 (Item 10 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2005 JPO & JAPIO. All rts. reserv.

01915666 **Image available**
CARTRIDGE HOLDER

PUB. NO.: 61-129766 [JP 61129766 A]
PUBLISHED: June 17, 1986 (19860617)
INVENTOR(s): SUGANO TETSUO
APPLICANT(s): RICOH CO LTD [000674] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 59-249965 [JP 84249965]
FILED: November 27, 1984 (19841127)
JOURNAL: Section: P, Section No. 511, Vol. 10, No. 322, Pg. 154, October 31, 1986 (19861031)

INTL CLASS: G11B-017/04

ABSTRACT

...CONSTITUTION: In a **disc drive** device which mounts a disc cartridge B by inserting it in a cartridge holder 11...

... forming a media guide 19. The outsides of the pole guide parts 37, 38 are **attached** guide rollers 45-48. The guide poles 37, 38 are assembled at both sides of a **box type storage** case 18 in such a way that the rollers 45-48 are retained freely rotatably...

14/3,K/11 (Item 11 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2005 JPO & JAPIO. All rts. reserv.

01778459 **Image available**
DISC PLAYING DEVICE

PUB. NO.: 60-256959 [JP 60256959 A]
PUBLISHED: December 18, 1985 (19851218)
INVENTOR(s): KIYOMIYA MASAACKI
YADA TORU
SERITA KAORU
YAMAGUCHI AKIRA
APPLICANT(s): PIONEER ELECTRONIC CORP [000501] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 59-113264 [JP 84113264]
FILED: June 02, 1984 (19840602)
JOURNAL: Section: P, Section No. 457, Vol. 10, No. 135, Pg. 93, May 20, 1986 (19860520)

INTL CLASS: G11B-017/26

...JAPIO KEYWORD:Video **Disk Recorders** , VDR); R131 (INFORMATION PROCESSING...

ABSTRACT

... a means for detecting it are provided and since the slit group 102 is

provided **integrally** with the units 17, even when the **storage section** 16 is expanded due to thermal expansion, the slit is made coincident with the disc...

14/3,K/12 (Item 12 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2005 JPO & JAPIO. All rts. reserv.

01443005 **Image available**
RECORDING AND REPRODUCING SYSTEM OF DISK

PUB. NO.: 59-154605 [JP 59154605 A]
PUBLISHED: September 03, 1984 (19840903)
INVENTOR(s): NISHIHARA MICHIHARU
APPLICANT(s): SHARP CORP [000504] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 58-029984 [JP 8329984]
FILED: February 23, 1983 (19830223)
JOURNAL: Section: P, Section No. 326, Vol. 09, No. 6, Pg. 89, January
11, 1985 (19850111)

INTL CLASS: G11B-005/02 ; G11B-003/00 ; G11B-007/00 ; G11B-011/00 ;
G11B-019/02 ; H04N-005/91; H04N-005/94
...JAPIO KEYWORD:Video Disk Recorders , VDR)

ABSTRACT

... identical information on plural recording areas and reading and reproducing successively the information from remaining **storage areas** if the quality of information on a certain recording area is deteriorated ...

... leads out a missing signal on a line 21. A switching signal detecting circuit 22 **integrates** a missing detecting signal 21, and when its **integration** value exceeds a predetermined value, the circuit 22 leads out a recording area switching signal...

14/3,K/13 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

015073833 **Image available**
WPI Acc No: 2003-134351/200313
XRPX Acc No: N03-107043

Recording control method in optical disk drive , involves writing synchronization and header signals and data in storage areas of RAM
Patent Assignee: SANYO ELECTRIC CO LTD (SAOL)
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No Kind Date Applicat No Kind Date Week
JP 2002367285 A 20021220 JP 2001171082 A 20010606 200313 B

Priority Applications (No Type Date): JP 2001171082 A 20010606

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes
JP 2002367285 A 6 G11B-020/10

Recording control method in optical disk drive , involves writing synchronization and header signals and data in storage areas of RAM

Abstract (Basic):

... signal, a header signal and data are generated by a control circuit (8) which is **integrated** an optical **disk drive**. The signals and the data are written in **storage areas** of RAM (10).
... In optical **disk drive**.
...

...The figure shows the block diagram of the optical **disk drive**.

(Drawing includes non-English language text

International Patent Class (Main): **G11B-020/10**

International Patent Class (Additional): **G11B-007/0045**

14/3,K/14 (Item 2 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.

014571798 **Image available**

WPI Acc No: 2002-392502/200242

XRFX Acc No: N02-307632

Disk drive for recording television broadcast program, performs thinning process of preserved representative pictures based on evaluation value attached to them

Patent Assignee: SONY CORP (SONY); CHOTOKU K (CHOT-I); KARIMOTO T (KARI-I); YAMAUCHI T (YAMA-I)

Inventor: CHOTOKU K; KARIMOTO T; YAMAUCHI T

Number of Countries: 003 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020006272	A1	20020117	US 2001904322	A	20010712	200242 B
JP 2002027410	A	20020125	JP 2000212294	A	20000713	200242
KR 2002007178	A	20020126	KR 200141860	A	20010712	200252

Priority Applications (No Type Date): JP 2000212294 A 20000713

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
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US 20020006272	A1	12	H04N-005/91	
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JP 2002027410	A	9	H04N-005/93	
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KR 2002007178	A		H04N-005/76	
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Disk drive for recording television broadcast program, performs thinning process of preserved representative pictures based on evaluation value attached to them

Abstract (Basic):

... An evaluation value is **attached** to a representative picture which is extracted from the video signal to be recorded to...

...and a thinning process is carried out on the preserved representative pictures, based on the **attached** evaluation value.

... **Disk drive** for recording television broadcast program on recording medium such as hard disk, magnetic disk, floppy...

...operation. As the thinning process is carried out during a recording operation, only a small **storage area** is required for storing representative pictures. The large amount of processing is not required, at...

...The figure shows the configuration of hard **disk drive**.

Technology Focus:

... The disk drive is connected to the integrated receiver decoder (IRD) through IEEE-1394 bus and records video signal which is compressed by...

...Title Terms: ATTACH

International Patent Class (Additional): G11B-027/00 ...

... G11B-027/10

14/3,K/15 (Item 3 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

014470775 **Image available**

WPI Acc No: 2002-291478/200233

XRPX Acc No: N02-227609

Universal mass storage information card e.g. smart card has detachable data storage section of rectangular geometry, placed within periphery of disk-shaped primary data storage section

Patent Assignee: CELESTE S (CELE-I)

Inventor: CELESTE S

Number of Countries: 001 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020024906	A1	20020228	US 2000227171	P	20000823	200233 B
			US 2001934363	A	20010821	
US 6788640	B2	20040907	US 2000227171	P	20000823	200459
			US 2001934363	A	20010821	

Priority Applications (No Type Date): US 2000227171 P 20000823; US 2001934363 A 20010821

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20020024906	A1	14	G11B-007/00	Provisional application	US 2000227171

US 6788640 B2 G11B-003/70 Provisional application US 2000227171

Universal mass storage information card e.g. smart card has detachable data storage section of rectangular geometry, placed within periphery of disk-shaped primary data storage section

Abstract (Basic):

... A primary data storage section (12) having a circular geometry, is concentric with a detachable data storage section (14) having a rectangular geometry and is placed within the periphery of the primary storage section.

... An INDEPENDENT CLAIM is also included for driver assembly for rectangular data storage section.

...

...A built - in integrated circuitry is not required and enables to interact with disk or cassette drive without structural or architectural modification. The smart card has data storage capability of over several...

...The figures show plan view and magnified circular area of mass storage information card...

...Primary data storage section (12...

...Detachable data storage section (14

International Patent Class (Main): G11B-003/70 ...

... G11B-007/00

14/3,K/16 (Item 4 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

013749822 **Image available**
WPI Acc No: 2001-234051/200124
XRPX Acc No: N01-167280

**Flexible data storage disk has attachment ring of non-circular shape,
which is disposed proximate to disk body**

Patent Assignee: IOMEGA CORP (IOME-N)
Inventor: BROWN T; BRUCE R A; EGGEBEEN J; HALES R F
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6166884	A	20001226	US 98182930	A	19981030	200124 B

Priority Applications (No Type Date): US 98182930 A 19981030

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 6166884	A	65	G11B-005/82	

**Flexible data storage disk has attachment ring of non-circular shape,
which is disposed proximate to disk body**

Abstract (Basic):

... A non-circular **attachment** ring (30) is disposed proximate to
the disk body (27) and disk hub (12). The...
... 30) reduces disk vibration modes and provides a compliant
surface on the disk in the **area** of the **storage** media for compliant
interfacing with read/write head of the **disk drive** .
...

...Non-circular **attachment** ring (30)
...Title Terms: **ATTACH** ;
International Patent Class (Main): **G11B-005/82**

14/3,K/17 (Item 5 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

013477097 **Image available**
WPI Acc No: 2000-649040/200063
XRPX Acc No: N00-481204

**Card with optical data disc and adaptor allowing writing to or reading
from the card in conventional CD reader/writer**

Patent Assignee: ROBIN J (ROBI-I)
Inventor: ROBIN J
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
FR 2788160	A1	20000707	FR 9816792	A	19981231	200063 B

Priority Applications (No Type Date): FR 9816792 A 19981231

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
FR 2788160	A1	16	G11B-017/022	

Abstract (Basic):

... rectangular substrate (1) the same size as a conventional credit card, with a circular optical **storage area** (2) toward one end. An adaptor (5), with the same outer dimensions as a conventional...
...on the top surface to accept the card, positioning the card so that the optical **storage area** has its center immediately above the **CD drive** spindle.
... Allows placing of **integrated** circuit in central region of disc, and avoids need for raised projections to engage **drive** of conventional **CD** unit, simplifying packaging in a plastic carrier with the dimensions of a conventional credit card...

...Optical **storage area** (2...

... **CD drive** adaptor (5

International Patent Class (Main): **G11B-017/022**

International Patent Class (Additional): **G11B-007/0037**

14/3,K/18 (Item 6 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013064730 **Image available**

WPI Acc No: 2000-236602/200020

Related WPI Acc No: 2002-654396

XRPX Acc No: N00-402417

Read/write head for magnetic or magneto-optical data storage system for writing data to magnetic data storage medium using laser beam and waveguide to heat the medium and lower coercivity during writing

Patent Assignee: READ RITE CORP (READ-N)

Inventor: CARLSON C; CHEN H; STOVALL R W

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6016290	A	20000118	US 99248766	A	19990212	200020 B

Priority Applications (No Type Date): US 99248766 A 19990212

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 6016290	A	14	G11B-011/00	

Abstract (Basic):

... on data storage medium, and magnetic read section (61) that reads data from the data **storage** medium. Write **section** includes an optical waveguide core (88) formed between write poles (85,96) to conduct light beam for heating target on data **storage** medium. The read **section** includes a magneto-resistive element. The second write pole and optical waveguide core are offset...

... For use in data storage **drives**, such as **disc drives**.

...

...high density with high signal to noise ratio, and lends itself to mass production. Uniquely **integrates** optical waveguide and magnetic write element without enlarging the write gap or widening the data

International Patent Class (Main): **G11B-011/00**

International Patent Class (Additional): **G11B-005/39**

14/3,K/19 (Item 7 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

012994004 **Image available**

WPI Acc No: 2000-165856/200015

XRPX Acc No: N00-124354

Disc tray actuator of optical disc drive - includes multifunctional switch, which actuates to eject/load disk from tray

Patent Assignee: MITSUMI ELECTRIC CO LTD (DENA)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2000021078	A	20000121	JP 98205866	A	1998070	200015 B

Priority Applications (No Type Date): JP 98205866 A 19980706

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2000021078	A	8	G11B-019/16	

Disc tray actuator of optical disc drive -

...Abstract (Basic): NOVELTY - The optical disk is loaded and ejected to and from the **storage section**, by the disc tray. A multifunction switch (2) is operated for ejecting disc from tray...

...USE - For optical **disk drive** e.g. **CD ROM drive**.

...

...ADVANTAGE - Number of **components** is reduced as **single** switch is used for various operations. DESCRIPTION OF DRAWING(S) - The drawing shows the block diagram of **disk drive**. (2) Switch

International Patent Class (Main): **G11B-019/16**

International Patent Class (Additional): **G11B-017/04**

14/3,K/20 (Item 8 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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011813124 **Image available**

WPI Acc No: 1998-230034/199820

XRAM Acc No: C98-071814

XRPX Acc No: N98-182184

Flexible suspension for magnetic disc drive assembly - comprises air bearing surface allowing high track density

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)

Inventor: RUIZ O J

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5734524	A	19980331	US 96748681	A	19961113	199820 B

Priority Applications (No Type Date): US 96748681 A 19961113

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 5734524	A	13	G11B-005/60	

Flexible suspension for magnetic disc drive assembly...

...Abstract (Basic): A suspension for use in a **disc drive** comprises:
(i) an elongated section having a first end, a second end, a length (k

...

...region of the elongated section in the vicinity of the first end being adapted for **attachment** to an actuator arm, the elongated section comprising a first layer comprised of a dielectric...

...bearing means positioned in the elongated section for creating an air bearing between the elongated **section** and a data **storage** medium sufficient to cause the elongated section to fly above the surface of the data...

...of the data storage medium when the data storage medium is rotating, the slider being **attached** to the elongated section in the vicinity of the second end...

...USE - Flexible suspension having an air bearing surface for use in a magnetic **disc drive** .

International Patent Class (Main): **G11B-005/60**
 International Patent Class (Additional): **G11B-021/21**

14/3,K/21 (Item 9 from file: 350)
 DIALOG(R)File 350:Derwent WPIX
 (c) 2005 Thomson Derwent. All rts. reserv.

011436910 **Image available**
 WPI Acc No: 1997-414817/199738
 Related WPI Acc No: 1997-489075
 XRPX Acc No: N97-345729

Integral base plate apparatus for disk drive - has top cover and lower base plate of housing of rotary disk and sealed by pressure

sensitive adhesive which permits top cover to float on lower base plate
 Patent Assignee: FUJITSU LTD (FUJIT)
 Inventor: MALEK S J; SODERFELT W G; YCAS J A
 Number of Countries: 002 Number of Patents: 002
 Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5657183	A	19970812	US 92966311	A	19921026	199738 B
			US 94333945	A	19941111	
			US 95439000	A	19950511	
JP 3129894	B2	20010131	JP 93267019	A	19931026	200109

Priority Applications (No Type Date): US 92966311 A 19921026; US 94333945 A 19941111; US 95439000 A 19950511

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5657183	A		8	G11B-005/012	Cont of application US 92966311 Div ex application US 94333945
JP 3129894	B2		11	G11B-033/12	Previous Publ. patent JP 6215554

Integral base plate apparatus for disk drive -

...Abstract (Basic): has a top and bottom surface with the cover. The housing plate defines a disk **enclosure** . A **storage** disk is rotatably mounted with the housing. The storage disk is rotated with a drive. The drive is formed **integrally** with the lower plate. An electronics circuit board is mounted for signal processing and includes...

Title Terms: **INTEGRAL** ;
 International Patent Class (Main): **G11B-005/012** ...

... G11B-033/12
International Patent Class (Additional): G11B-017/02 ...

... G11B-025/04

14/3,K/22 (Item 10 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

008962371 **Image available**
WPI Acc No: 1992-089640/199212
Related WPI Acc No: 1992-082422
XRPX Acc No: N92-067330

Magazine-loaded compact disc player suited to car audio system -
uses front-loading magazine mechanism integrated with turntable drive
Patent Assignee: ALPINE ELECTRONICS CO LTD (ALPN); ALPINE ELECTRONICS INC
(ALPN)

Inventor: SUZUKI S
Number of Countries: 003 Number of Patents: 004
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 4129437	A	19920312	DE 4129437	A	19910904	199212 B
US 5253218	A	19931012	US 91746522	A	19910816	199342
DE 4129437	C2	19950316	DE 4129437	A	19910904	199515
JP 3007124	B2	20000207	JP 90245693	A	19900913	200012

Priority Applications (No Type Date): JP 90245693 A 19900913; JP 90234061 A
19900904; JP 90234062 A 19900904; JP 90234064 A 19900904; JP 90241493 A
19900912; JP 90245691 A 19900913

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
DE 4129437	A		36		
JP 3007124	B2	23	G11B-017/22		Previous Publ. patent JP 4123354
US 5253218	A	30	G11B-017/04		
DE 4129437	C2	29	G11B-017/26		

Magazine-loaded compact disc player suited to car audio system...

...uses front-loading magazine mechanism integrated with turntable drive

...Abstract (Equivalent): The magazine loaded disc player comprises a
disc playback unit comprising a rotation mechanism for rotating a disc
and a pickup positioned to face the disc. A storage area is
provided for storing a disc magazine located in overlapping relation
with the disc playback unit. A movement mechanism shifts the disc
magazine out of the storage area when the disc is to be drawn out
of the magazine. A taking-out/setting...

...disc in the disc playback until while the disc magazine is moved out of
the storage area .

...second position the disc is unclamped from the rotation mechanism, the
clamp projecting into the storage area when the clamp is moved to
the second position. The magazine is allowed to move into the storage
area when the clamp is in the first position...

...USE - Magazine loaded compact disc player .

...Title Terms: INTEGRATE ;

International Patent Class (Main): G11B-017/04 ...

... G11B-017/22 ...

... G11B-017/26

International Patent Class (Additional): G11B-017/03 ...

... G11B-017/035 ...

... G11B-025/04

14/3,K/23 (Item 11 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.

008668878 **Image available**

WPI Acc No: 1991-172899/199124

XRFX Acc No: N91-132481

CD-ROM retrieval apparatus with LCD display - has CD loading drive ,
display device, audio reproduction device, data storage device and
control section

Patent Assignee: HITACHI LTD (HITA)

Inventor: FUNATO S; ITO T; ODA T; TAKEUCHI T

Number of Countries: 003 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 431590	A	19910612	EP 90123309	A	19901205	199124 B
EP 431590	A3	19920520	EP 90123309	A	19901205	199331
US 5499221	A	19960312	US 90621041	A	19901203	199616
			US 93167110	A	19931216	
EP 431590	B1	19980311	EP 90123309	A	19901205	199814
DE 69032119	E	19980416	DE 632119	A	19901205	199821
			EP 90123309	A	19901205	

Priority Applications (No Type Date): JP 9014940 A 19900126; JP 89315221 A 19891206

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
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EP 431590	A	27		
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Designated States (Regional): DE NL

EP 431590	A3	27		
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US 5499221	A	24	G11B-007/00	Cont of application US 90621041
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EP 431590	B1 E	30	G11B-027/10	
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Designated States (Regional): DE NL

DE 69032119	E		G11B-027/10	Based on patent EP 431590
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... has CD loading drive , display device, audio reproduction device,
data storage device and control section

...Abstract (Basic): The CD-ROM retrieval apparatus according to the
present invention comprises a CD-ROM drive , a color liquid crystal
display for showing characters and images and similar information
output of the CD-ROM drive and showing a menu, a joystick as
directing device for selecting a desired menu item...

...output circuit to output audio information such as a music or voice.

These components are integrated in a single unit. A retrieving
program stored in the CD-ROM disk used for...

...Abstract (Equivalent): The CD-ROM retrieval apparatus according to the

present invention comprises a **CD-ROM drive**, a color liquid crystal display for showing characters and images and similar information output of the **CD-ROM drive** and showing a menu, a joypad as directing device for selecting a desired menu item...

...output circuit to output audio information such as a music or voice.

These components are **integrated** in a single unit. A retrieving program stored in the CD-ROM disk used for...

...Abstract (Equivalent): a **CD-ROM drive** for loading a **CD** medium...

...wherein the **CD-ROM drive**, the display, the input specifying means, the audio means, the retrieving means, the storage means and the providing means are connected to a control means for controlling the **CD-ROM drive**, the display, the input specifying means, the audio means, the retrieving means, the storage means and the providing means to perform their respective operations, and wherein at least the **CD-ROM drive**, the display, the audio means, the retrieving means, the storage means, the providing means and...

International Patent Class (Main): **G11B-007/00** ...

... **G11B-027/10**

International Patent Class (Additional): **G11B-027/10**

14/3,K/24 (Item 12 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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008569716 **Image available**

WPI Acc No: 1991-073751/199110

XRPX Acc No: N91-057014

Architecture for lightweight 20MB disk drive unit - has moulded plastic housing with redesigned components and low power consumption make unit

Patent Assignee: SEAGATE TECHNOLOGY INC (SEAG-N); CONNER PERIPHERALS INC (CONN-N)

Inventor: ANDREWS M K; STEFANSKY F M

Number of Countries: 015 Number of Patents: 011

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 9102349	A	19910221				199110	B
US 5025335	A	19910618	US 89387944	A	19890731	199127	
EP 484433	A	19920513	EP 90912291	A	19900718	199220	
JP 4507476	W	19921224	JP 90511392	A	19900718	199306	
			WO 90US4024	A	19900718		
EP 484433	A4	19920715	EP 90912291	A		199522	
US 5025335	B1	19951226	US 89387944	A	19890731	199606	
EP 484433	B1	19980916	EP 90912291	A	19900718	199841	
			WO 90US4024	A	19900718		
US 5808830	A	19980915	US 89387944	A	19890731	199844	
			US 89416108	A	19891002		
			US 90508960	A	19900412		
			US 91746139	A	19910813		
			US 92865704	A	19920408		
			US 92978149	A	19921116		
			US 94291147	A	19940816		
DE 69032661	E	19981022	DE 632661	A	19900718	199848	
			EP 90912291	A	19900718		
			WO 90US4024	A	19900718		
KR 232589	B1	20000115	WO 90US4024	A	19900718	200114	

			KR 92700255	A	19920131
JP 3379956	B2	20030224	JP 90511392	A	19900718 200317
			WO 90US4024	A	19900718

Priority Applications (No Type Date): US 90508960 A 19900412; US 89387944 A 19890731; US 89416108 A 19891002; US 91746139 A 19910813; US 92865704 A 19920408; US 92978149 A 19921116; US 94291147 A 19940816

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9102349	A				
					Designated States (National): JP KR
					Designated States (Regional): AT BE CH DE DK ES FR GB IT LU NL SE
EP 484433	A	E	44		
					Designated States (Regional): DE FR GB IT NL
JP 4507476	W			G11B-019/20	Based on patent WO 9102349
US 5025335	B1		21	G11B-005/012	
EP 484433	B1	E		G11B-005/012	Based on patent WO 9102349
					Designated States (Regional): DE FR GB IT NL
US 5808830	A			G11B-005/012	CIP of application US 89387944 CIP of application US 89416108 Cont of application US 90508960 Cont of application US 91746139 Cont of application US 92865704 Cont of application US 92978149 CIP of patent US 5025335
DE 69032661	E			G11B-005/012	Based on patent EP 484433 Based on patent WO 9102349
KR 232589	B1			G11B-005/012	
JP 3379956	B2		20	G11B-019/20	Previous Publ. patent JP 4507476 Based on patent WO 9102349

Architecture for lightweight 20MB disk drive unit...

...Abstract (Basic): The two and one half inch form factor **disk drive**. The **drive** housing has small dimensions and weighs less than six ounces. The base (20) and cover...

...Abstract (Equivalent): The two and one half inch form factor **disc drive** has a base and cover formed of moulded plastics and engaged with each other by...

...the cover complies to the base when the cover and base are engaged. Mounting brackets **attached** to the cover support a printed circuit board on the opposite side of the base...

...the cover. The two and one half inch form factor is established by providing the **disc drive** with a length equal to the width of a 3 1/2 inch **disc drive** and a width equal to half of the length of a 3 1/2 inch **disc drive**.

...

...The **disc drive** includes a **disc** having a dia. of approximately 2.6 inches (65 mm) and weighs approximately 5 ounces...

...ADVANTAGE - Closed-loop, embedded servo tracking system provides large **storage** capacity relative to **area** of **storage** media available. (20pp)

International Patent Class (Main): **G11B-005/012** ...

... **G11B-019/20**

International Patent Class (Additional): **G11B-005/01** ...

... G11B-025/04 ...

... G11B-033/12

14/3,K/25 (Item 13 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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007956582 **Image available**
WPI Acc No: 1989-221694/198931
XRPX Acc No: N89-169163

Automatic disc cassette handling system - provides automatic loading into magazine and transfers to disc drive units

Patent Assignee: TOSHIBA KK (TOKE)

Inventor: NUMASAKI T

Number of Countries: 002 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 3900993	A	19890727	DE 3900993	A	19890112	198931 B
US 5001582	A	19910319	US 89292866	A	19890103	199114
DE 3900993	C	19910822				199134

Priority Applications (No Type Date): JP 885101 A 19880113

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
DE 3900993	A	28		

... provides automatic loading into magazine and transfers to disc drive units

...Abstract (Basic): 12) that is positioned relative to the magazine stack (13). The loading unit has an **integral** stepping motor that moves the cassettes horizontally into and out of the magazine...

...Abstract (Equivalent): 59) mounted on the arm so that it can hold and turn at least one **disc** cassette, and a **drive** unit (107-114...

...Abstract (Equivalent): An apparatus for automatically changing an information storage medium includes a main body, and a **storage section** having a plurality of storage portions in the main body for storing a plurality of...

...medium inserted therein through the inlet port. A transfer device transfers the medium between the **storage section** and the information processing unit and for automatically inserting the medium into the **storage section** and the information processing unit...

...frame in alignment with respect to one of the plurality of storage portions of the **storage section** or the inlet port of the information processing unit after the rotation of the carrier...

International Patent Class (Additional): G11B-015/68 ...

... G11B-017/26

14/3,K/26 (Item 14 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

004837560
WPI Acc No: 1986-340901/198652

XRPX Acc No: N86-254406

Cleaning apparatus for record, esp. compact disc - has storage compartment in base or cover for cleaning brush and mechanical drive manually operable by handle

Patent Assignee: RECOTON CORP (RECO-N)

Inventor: YEUNG C K

Number of Countries: 013 Number of Patents: 006

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 206589	A	19861230	EP 86304283	A	19860605	198652 B
US 4654917	A	19870407	US 85745672	A	19850617	198716
DK 8602841	A	19861218				198718
CA 1260404	A	19890926				198944
EP 206589	B	19910130				199105
DE 3677268	G	19910307				199111

Priority Applications (No Type Date): US 85745672 A 19850617

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

EP 206589 A E 24

Designated States (Regional): AT BE CH DE FR GB IT LI NL SE

EP 206589 B

Designated States (Regional): AT BE CH DE FR GB IT LI NL SE

... has storage compartment in base or cover for cleaning brush and mechanical drive manually operable by handle

...Abstract (Basic): comprises a housing (12) in which is disposed a rotatable carrier (32) to which is **attached** a cleaning pad (40) for contacting the surface of a compact **disc** . A **drive** wheel (34) is provided for driving the carrier to rotate about an axis (38) and...

...Abstract (Equivalent): with a cleaning pad fastened to the carrier for contacting the surface of the compact **disc** . A **drive** wheel **drives** the carrier to rotate the latter about an axis of rotation and concurrently to cause...

...International Patent Class (Additional): G11B-003/58 ...

... G11B-023/50

14/3,K/27 (Item 15 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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004750509

WPI Acc No: 1986-253850/198639

XRPX Acc No: N86-189852

Desk accommodating personal computer with peripheral devices - has clear top workspace pivotal upward with monitor compartment supported under brought to viewing position by lifting top

Patent Assignee: PEMBERTON P F (PEMB-I)

Number of Countries: 003 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
GB 2172498	A	19860924	GB 866598	A	19860318	198639 B
AU 8654806	A	19860925				198646
US 4669789	A	19870602	US 86841310	A	19860319	198724
GB 2172498	B	19890621				198925

Priority Applications (No Type Date): AU 859804 A 19850319

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes
GB 2172498 A 9

- ...Abstract (Basic): The monitor is stored in an angularly movable **storage compartment** pivotally mounted for movement between a storage position and a viewing position. The computer terminal...
- ...a support which is movable between a storage position and a user accessible position. The **storage compartment** is disposed beneath and **attached** to the desk top which is horizontally disposed in the storage position and angled upwardly...
- ...The support and **storage compartment** are interlinked so as to move together to their viewing and user accessible positions by a pin secured to the support. The pin engages in a groove secured to the **storage compartment**, with the groove providing an end stop at which the end stop bears down upon the pin to support the **storage compartment** in its viewing position...
- ...Abstract (Equivalent): providing a flat upper work surface when in said first horizontal position; (c) a monitor **storage compartment** defined by bottom, back and side walls providing a space for receiving a video monitor, said monitor **storage compartment** being mounted beneath said first worktop and movable thereby between a storage position and an upwardly angled operative position, said monitor **storage compartment** having a front opening extending between forward edges of said walls so to expose a...
- ...a second worktop mounted beneath said first worktop and positioned in front of said monitor **storage compartment**, said second worktop being located relative to said first worktop when in its first storage position...
- ...Abstract (Equivalent): storage includes one or more compartments e.g. for a computer monitor, data cassette or **disc drive**, computer **discs** or diskettes or other suitable equipment and/or software storage...
- ...International Patent Class (Additional): **G11B-033/02**

20/3,K/1 (Item 1 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2005 JPO & JAPIO. All rts. reserv.

05216269 **Image available**
AUTOMATIC CHANGER FOR INFORMATION RECORDING MEDIUM

PUB. NO.: 08-171769 [JP 8171769 A]
PUBLISHED: July 02, 1996 (19960702)
INVENTOR(s): IDE HIROBUMI
TAKEMOTO TOSHIKURA
APPLICANT(s): MATSUSHITA ELECTRIC IND CO LTD [000582] (A Japanese Company
or Corporation), JP (Japan)
APPL. NO.: 06-314478 [JP 94314478]
FILED: December 19, 1994 (19941219)

ABSTRACT

... disk drive units 2a and 2b are moved to the position of a desired optical disk 8a in a magazine 1, the optical disk is placed into the drive unit and information is recorded/reproduced. The plurality of optical disk drive units are integrally moved or individually moved and information is recorded/reproduced in the standby position of each...

20/3,K/2 (Item 2 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2005 JPO & JAPIO. All rts. reserv.

04708680 **Image available**
DISK LOADING DEVICE FOR PLAYER WITH BUILT- IN DISK MAGAZINE AND
DISK ADAPTER USED FOR THE DEVICE

PUB. NO.: 07-029280 [JP 7029280 A]
PUBLISHED: January 31, 1995 (19950131)
INVENTOR(s): SHODA MIKIIKO
ARATA TADAO
APPLICANT(s): TANASHIN DENKI CO [326763] (A Japanese Company or
Corporation), JP (Japan)
APPL. NO.: 05-191878 [JP 93191878]
FILED: July 07, 1993 (19930707)

DISK LOADING DEVICE FOR PLAYER WITH BUILT- IN DISK MAGAZINE AND
DISK ADAPTER USED FOR THE DEVICE

20/3,K/3 (Item 3 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2005 JPO & JAPIO. All rts. reserv.

04701059 **Image available**
DISK MAGAZINE OPENING DEVICE

PUB. NO.: 07-021659 [JP 7021659 A]
PUBLISHED: January 24, 1995 (19950124)
INVENTOR(s): TAKAI KAZUKI
APPLICANT(s): CLARION CO LTD [325708] (A Japanese Company or Corporation),
JP (Japan)
APPL. NO.: 05-162472 [JP 93162472]
FILED: June 30, 1993 (19930630)

DISK MAGAZINE OPENING DEVICE

ABSTRACT

... improve feeling in use and to miniaturize a player by accurately and surely opening a **disk magazine** when the **disk magazine** is attached to the **disk player** .

...

...CONSTITUTION: When the **disk magazine** M is inserted in the magazine insertion port 1a of the disk player, the case

20/3,K/4 (Item 4 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2005 JPO & JAPIO. All rts. reserv.

02507385 **Image available**
AUTO-CHANGER FOR OPTICAL DISK

PUB. NO.: 63-124285 [JP 63124285 A]
PUBLISHED: May 27, 1988 (19880527)
INVENTOR(s): MIYATAKE NORIO
ORUKAWA MASAHIRO
SASAGAWA YOJI
TAMAKI MASAKO
APPLICANT(s): MATSUSHITA ELECTRIC IND CO LTD [000582] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 61-270265 [JP 86270265]
FILED: November 13, 1986 (19861113)
JOURNAL: Section: P, Section No. 769, Vol. 12, No. 380, Pg. 32, October 12, 1988 (19881012)

ABSTRACT

... the update of management data by providing a connecting terminal at every slot in a **disk storage magazine** part in an auto-changer, and making it possible to read or write the data...

...a multi-disk deck 1, an inlet part for taking in and out an optical **disk cartridge** 10, a **magazine** part 9 for storing the plural number of sheets of the optical disk cartridge 10...

... in the slot, through the connecting terminal 12 arranged at every slot of the optical **disk storage magazine** part 9 in the auto- changer. When the management data of the optical disk is...

... the management data can be immediately read and written from the auto-changer side, without **attaching** the **disk** onto the **drive** part.

20/3,K/5 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

016094080 **Image available**
WPI Acc No: 2004-251956/200424
XRPX Acc No: N04-199831

Hard disk destruction apparatus has cylinder attached to cover surrounding hard disk drive storage case , that moves piston rod connected to punch head forwards or backwards, so as to form through-holes at hard disk

Patent Assignee: NIPPON PULSE GIJUTSU KENKYUSHO KK (NIPU-N)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2004071057	A	20040304	JP 2002229187	A	20020806	200424 B

Priority Applications (No Type Date): JP 2002229187 A 20020806

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2004071057	A	13	G11B-033/00	

Hard disk destruction apparatus has cylinder attached to cover surrounding hard disk drive storage case , that moves piston rod connected to punch head forwards or backwards, so as to form...

Abstract (Basic):

... A cover (12) surrounds the **storage case** (20) which accommodates the hard **disk drive**. A cylinder (13) driven by pressure, is attached to the cover for moving a...

20/3,K/6 (Item 2 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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015058584 **Image available**

WPI Acc No: 2003-119100/200311

XRAM Acc No: C03-030714

XRPX Acc No: N03-094777

Decorative article used e.g. as eye glass frame, shaver, tooth brush stem or head rest, has decorative surface and integrally formed polymeric base comprising transparent cycloaliphatic polyester resin free from aromatic groups

Patent Assignee: GENERAL ELECTRIC CO (GENE)

Inventor: GROOTHUIS A H L; HONIGFORT P; HOOGLAND G; LAURIN M M

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6465102	B1	20021015	US 2001815350	A	20010322	200311 B
			US 2001892718	A	20010618	

Priority Applications (No Type Date): US 2001892718 A 20010618; US 2001815350 A 20010322

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 6465102	B1	13	B32B-027/36	CIP of application US 2001815350

Abstract (Basic):

... thermos bottle, microwave oven, washing machine, television, plastic lens, air conditioner, printer, copier, camera, optical **disk** , data **storage case** , relay connector, **integrated** circuit card, ATM, optical **disk player** , switch, knob, auto key and helmet...

20/3,K/7 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013782661 **Image available**

WPI Acc No: 2001-266872/200128

XRPX Acc No: N01-190868

Adaptor for DVD drive has same contour and dimensions as DVD case to accommodate discs without caddies

Patent Assignee: BDT BUERO & DATENTECHNIK GMBH (BDTB-N)

Inventor: KELLER M

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 19912276	A1	20001019	DE 1012276	A	19990318	200128 B

Priority Applications (No Type Date): DE 1012276 A 19990318

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
DE 19912276	A1		8 G11B-017/03	

Abstract (Basic):

... those of DVD case. Adaptor has set-down opening (32) that corresponds to opening on **CD player** tray. Adaptor is **one - piece** plastics plate. Adaptor may include functional elements corresponding to those of DVD case. Edge of...

... An INDEPENDENT CLAIM is included for a system for automatically loading DVDs, including a **magazine** for naked **discs**, a DVD drive with an adaptor, and a handling unit for transporting the **discs** between the **magazine** and the drive...

...DVD player that was constructed to receive discs in caddies, so that a conventional compact **disc magazine** and loading system can be used

...

20/3,X/8 (Item 4 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013712226 **Image available**

WPI Acc No: 2001-196450/200120

XRPX Acc No: N01-140326

Peripheral system of notebook type personal computer, includes base unit on which hard disk drive, CD -RW drive and storage case are sequentially laminated, by coupling with one another

Patent Assignee: SONY CORP (SONY)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2001015945	A	20010119	JP 99221578	A	19990629	200120 B

Priority Applications (No Type Date): JP 99221578 A 19990629

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2001015945	A		17 H05K-005/02	

Peripheral system of notebook type personal computer, includes base unit on which hard disk drive, CD -RW drive and storage case are sequentially laminated, by coupling with one another

Abstract (Basic):

... holes and main unit lock receiving holes are formed in the base unit (2) for **attachment** of disk drive units. Hard **disk drive** (3), **CD -RW drive** (4) and **storage case** (5) are sequentially laminated on the base unit. The protrusion of one unit is received...

20/3,K/9 (Item 5 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

013257889 **Image available**
WPI Acc No: 2000-429772/200037
XRPX Acc No: N00-320570

Compact disk player holster comprises horizontal straps having hook and loop material attached to vertical strap and rear strap with belt loop for securing CD player to user's belt with waterproof hood

Patent Assignee: MINCKLER A R (MINC-I)
Inventor: MINCKLER A R
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6056174	A	20000502	US 98136152	A	19980818	200037 B

Priority Applications (No Type Date): US 98136152 A 19980818

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 6056174	A	16	A45F-003/14	

Abstract (Basic):

... The holster has horizontal straps (20) which surrounds the **CD player**. Vertical strap (26) **attached** perpendicular to the horizontal strap and a rear strap with a belt loop (22) for...
... strap has a strip of hook and loop material attached to the inner face for **attaching CD player**. An upright compartment having an opening on the top/is provided for storing the CDs...
...not impede access to the buttons and switches of the CD player and allows for **disks** to be changed without removal from **carrying case**. Enables the user to hang the carrying case from a belt around the waist and...

20/3,K/10 (Item 6 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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009714574 **Image available**
WPI Acc No: 1993-408127/199351
XRPX Acc No: N93-315965

Entertainment and games appts. running program on CD-i - has integral interactive compact disc player enabling e.g. variable outcome of game with facility to network with other units

Patent Assignee: NSM AG (NSMA-N)
Inventor: FRANK A; KUHN P; NIEDERLEIN H; SCHULZE U; KUHN H
Number of Countries: 003 Number of Patents: 005
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
GB 2268670	A	19940112	GB 9313072	A	19930624	199351 B
DE 4222110	A1	19940113	DE 4222110	A	19920706	199403
US 5413357	A	19950509	US 9383769	A	19930630	199524
GB 2268670	B	19961023	GB 9313072	A	19930624	199646
DE 4222110	C2	19980827	DE 4222110	A	19920706	199838

Priority Applications (No Type Date): DE 4222110 A 19920706

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
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GB 2268670 A 27 A63F-009/22
 DE 4222110 A1 12 A63F-009/24
 US 5413357 A 14 A63F-009/22
 GB 2268670 B 1 A63F-009/22
 DE 4222110 C2 A63F-009/24

... has integral interactive compact disc player enabling e.g.
 variable outcome of game with facility to network with other units

...Abstract (Equivalent): integrated in the housing. The CD-I playback unit
 has at least one associated record magazine . A number of CD -I
 playback units each have record magazines are associated with the
 housing...

20/3,K/11 (Item 7 from file: 350)
 DIALOG(R)File 350:Derwent WPIX
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008221799 **Image available**
 WPI Acc No: 1990-108800/199015
 XRPX Acc No: N90-084187

Cassette for record player with integral disc exchanger - comprises
 slotted housing for discs with spring retainers and selective ejection
 devices with individual pivotal movements
 Patent Assignee: ALPINE ELTRN INC (ALPN); ALPINE ELECTRONICS INC (ALPN)
 ; ALPHA IND CO LTD (ALPH-N); ALPINE KK (ALPN); ALPINE ELECTRONICS CO
 LTD (ALPN)

Inventor: SUZUKI S
 Number of Countries: 004 Number of Patents: 016
 Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 3931715	A	19900405	DE 3931715	A	19890922	199015 B
GB 2224877	A	19900516	GB 8920311	A	19890908	199020
DE 3943564	A	19910221	DE 3943564	A	19890922	199109
DE 3943565	A	19910221	DE 3943565	A	19890922	199109
US 5093818	A	19920303	US 89411445	A	19890922	199212
GB 2258338	A	19930203	GB 8920311	A	19890908	199305
			GB 9219811	A	19920918	
GB 2258339	A	19930203	GB 8920311	A	19890908	199305
			GB 9219812	A	19920918	
GB 2224877	B	19930519	GB 8920311	A	19890908	199320
GB 2258338	B	19930519	GB 8920311	A	19890908	199320
			GB 9219811	A	19890908	
GB 2258339	B	19930519	GB 8920311	A	19890908	199320
			GB 9219812	A	19890908	
KR 9202941	B1	19920410	KR 899536	A	19890705	199346
KR 9206638	B1	19920810	KR 899537	A	19890705	199405
KR 9206639	B1	19920810	KR 899538	A	19890705	199405
DE 3931715	C2	19940210	DE 3931715	A	19890922	199406
DE 3943564	C2	19940310	DE 3931715	A	19890922	199409
			DE 3943564	A	19890922	
DE 3943565	C2	19940310	DE 3931715	A	19890922	199409
			DE 3943565	A	19890922	

Priority Applications (No Type Date): JP 88U127618 U 19880929; JP 88239396
 A 19880922; JP 88239397 A 19880922; JP 88241898 A 19880926; JP 88241899 A
 19880926; JP 88241900 A 19880926; JP 88U127617 U 19880929

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5093818	A		30		

GB 2258338	A	36	G11B-017/00	Derived from application GB 8920311
GB 2258339	A	16	G11B-017/00	Derived from application GB 8920311
GB 2224877	B	2	G11B-023/033	
GB 2258338	B		G11B-017/00	Derived from application GB 8920311
GB 2258339	B		G11B-017/04	Derived from application GB 8920311
DE 3931715	C2	8	G11B-017/26	Div in patent DE 3943565
DE 3943564	C2	16	G11B-017/04	Div ex application DE 3931715
				Div ex patent DE 3931715
DE 3943565	C2	14	G11B-017/22	Div ex application DE 3931715
				Div ex patent DE 3931715
KR 9202941	B1		G11B-017/26	
KR 9206638	B1		G11B-017/26	
KR 9206639	B1		G11B-017/26	

Cassette for record player with integral disc exchanger...

...Abstract (Equivalent): A compact **disc player** has a housing with an **integral** cassette or magazine for a number of discs that can be selectively transferred to and...

...One half of the housing has a loading slot (D) provided for insertion of the **disc magazine** (C). The **magazine** is supported on a guide surface (30) and engages a mechanism at the rear. The...

...At the front of the housing a motor driven transfer unit (60) selects a specific **disc** from the **magazine** and positions it on the disc drive unit. After use, the disc is returned to...

...into one half and a loading section (D) in the other half that receives a **disc** cassette or **magazine** (C). The cassette is front loaded and engages interlocks in the rear section of the...

...Abstract (Equivalent): A **disk player** with an **integrated disk** changer comprising: a cartridge loading section into which a disk cartridge in which a plurality...

...A **disk player** with an **integrated disk** changer, comprising a

motor and a power converting device driven by said motor, said power...

...Abstract (Equivalent): The **disk player** has an **integrated disk** changer. An end of a disk drawn in by a drawing-in mechanism such that
...

20/3,K/12 (Item 8 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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007812602

WPI Acc No: 1989-077714/198911

XRPX Acc No: N89-059327

Magazine and push-case for discs - has push-case integrated with magazine and is for CD -, or video player , draw-disc player or magneto-optic device

Patent Assignee: DEUT THOMSON-BRANDT GMBH (THOH)

Inventor: CASPERS J; GEIGER E

Number of Countries: 018 Number of Patents: 011

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 3728588	A	19890309	DE 3728588	A	19870827	198911 B
EP 306667	A	19890315	EP 88111468	A	19880716	198911
CN 1032878	A	19890510				199017

HU 50607	T	19900328			199019
EP 306667	B	19911023			199143
DE 3865787	G	19911128			199149
US 5127716	A	19920707	US 88235653	A	19880824 199230
			US 89351318	A	19890510
			US 90572338	A	19900823
HU 206785	B	19921230	HU 884457	A	19880825 199306
JP 11053858	A	19990226	JP 88210864	A	19880826 199919
			JP 98157627	A	19880826
KR 124145	B1	19971128	KR 8810851	A	19880826 199950
JP 3113229	B2	20001127	JP 88210864	A	19880826 200102
			JP 98157627	A	19880826

Priority Applications (No Type Date): DE 3728588 A 19870827

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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DE 3728588	A		3		
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EP 306667	A	G			
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Designated States (Regional): AT BE CH DE ES FR GB GR IT LI LU NL SE

EP 306667	B				
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Designated States (Regional): AT BE CH DE ES FR GB GR IT LI LU NL SE

US 5127716	A		4	A47B-047/02	Cont of application US 88235653
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Cont of application US 89351318

HU 206785	B			G11B-017/22	Previous Publ. patent HU 50607
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JP 11053858	A		4	G11B-023/023	Div ex application JP 88210864
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KR 124145	B1			G11B-023/023	
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JP 3113229	B2		4	G11B-023/023	Div ex application JP 88210864
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Previous Publ. patent JP 11053858

... has push-case integrated with magazine and is for CD -, or video player , draw- disc player or magneto-optic device

...Abstract (Equivalent): A **magazine** (M) for accommodating **disc** -shaped information carriers (CD, CD1 - CD5) for a recording and/or reproducing machine, characterised in...

...Abstract (Equivalent): The compact disc player has compact **discs** stored in a **magazine** housing, one above another in a stack. The magazine housing may be removed for the purpose of loading with compact **discs** and this **magazine** housing is replaceable in the compact disc player after having been loaded. A slidable drawer...

...A selected compact disc that is different from the **disc** stored in the **magazine** housing may be held in the slidable drawer and played in any selected sequence, independent of the **discs** stored in the **magazine** housing...

24/3,K/1 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

016731967 **Image available**

WPI Acc No: 2005-056243/200506

XRPX Acc No: N05-048824

**Storage device e.g. CD player , fastening apparatus for use in
computer equipment e.g. personal computer, has sliding portion movably
installed on fastening base for affixing fastening base to frame**

Patent Assignee: LI C (LICC-I)

Inventor: LI C

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20040240170	A1	20041202	US 2003605892	A	20031104	200506 B

Priority Applications (No Type Date): TW 2003U209920 U 20030529

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20040240170	A1	18	G06F-001/16	

**Storage device e.g. CD player , fastening apparatus for use in
computer equipment e.g. personal computer, has sliding portion movably...**

Abstract (Basic):

... Used for fastening a storage device (claimed) e.g. floppy disk drive, hard disk drive , compact disk player , digital video player , and optical recorder , inside a casing in a computer equipment e.g. personal computer or server...

...and the fastening base are effectively affixed to the frame, thus simplifying the actions for attaching /detaching storage devices, and hence gaining the efficiency and the convenience...

24/3,K/2 (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

016580702

WPI Acc No: 2004-739437/200473

XRPX Acc No: N04-585181

**Recorder controlling device for use with set top box, is connected to
adapter of video source or recorder, to control recorder by means of
infrared command signals based on control signal received from video
source**

Patent Assignee: SKELTON C (SKEL-I)

Inventor: SKELTON C

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
GB 2400508	A	20041013	GB 200229438	A	20021218	200473 B

Priority Applications (No Type Date): GB 200229438 A 20021218

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
GB 2400508	A	10	H04N-005/761	

Abstract (Basic):

... For controlling recorders such as video cassette recorder (VCR), DVD recorder, digital hard-disk or solid-state recorder and computer, used with video sources such as receiver integrated in TV, set top box (STB), digital hard-disk recorder, computer and DVD player.

24/3,K/3 (Item 3 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

016503858 **Image available**
WPI Acc No: 2004-662142/200464
XRPX Acc No: N04-524242

Digital media content conditional access provision method e.g. for music, involves verifying whether remote media rendering device is authorized to receive requested media content, based on which content is delivered

Patent Assignee: BRATTON T R (BRAT-I); NAGAR N (NAGA-I); REBAUD S P (REBA-I); RYAN S (RYAN-I); LISTEN.COM (LIST-N)

Inventor: BRATTON T R; NAGAR N; REBAUD S P; RYAN S; BRATTON T

Number of Countries: 108 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200477267	A2	20040910	WO 2004US5593	A	20040224	200464 B
US 20040261093	A1	20041223	US 2003450119	P	20030224	200504
			US 2004786891	A	20040224	

Priority Applications (No Type Date): US 2003450119 P 20030224; US 2004786891 A 20040224

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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WO 200477267	A2	E	26	G06F-000/00	
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Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

Designated States (Regional): AT BE BG BW CH CY CZ DE DK EA EE ES FI FR GB GH GM GR HU IE IT KE LS LU MC MW MZ NL OA PT RO SD SE SI SK SL SZ TR TZ UG ZM ZW

US 20040261093	A1			H04N-007/16	Provisional application US 2003450119
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Abstract (Basic):

... program, graphics software, picture, to remote media rendering devices e.g. digital TV, set-top box, digital versatile disk (DVD)/compact disk (CD) player, digital video recorder, stereo receiver, personal computer (PC), net-attached audio device...

24/3,K/4 (Item 4 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

016240579 **Image available**
WPI Acc No: 2004-398472/200437
XRPX Acc No: N04-317633

Integrated magnetic disk and optical disk drive used in video game player, has hard disk drive and digital versatile disk drive integrated on single chassis

Patent Assignee: WATSON S E (WATS-I)

Inventor: WATSON S E

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20040075932	A1	20040422	US 2002419127	P	20021016	200437 B
			US 2003686447	A	20031015	

Priority Applications (No Type Date): US 2002419127 P 20021016; US 2003686447 A 20031015

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20040075932	A1	9	G11B-019/02	Provisional application US 2002419127

Integrated magnetic disk and optical disk drive used in video game player , has hard disk drive and digital versatile disk drive integrated on single chassis

Abstract (Basic):

... A hard disk drive (HDD) (111) and a digital versatile disk (DVD) drive (211) individually controlled by two microprocessors (120,220), are integrated on a single chassis and are electrically connected to the host system through interface. The...
... Integrated magnetic storage disk and optical storage disk drive used in video game player , personal video recorders etc
Title Terms: INTEGRATE ;

24/3,K/5 (Item 5 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

014717175 **Image available**
WPI Acc No: 2002-537879/200257
XRPX Acc No: N02-425921

Program selector and guide system for personal mobile assistant, generates content directory that permit user to select particular piece of content for particular entertainment device

Patent Assignee: CONNECTEDMEDIA CORP (CONN-N); LEVITT D (LEVI-I)

Inventor: LEVITT D

Number of Countries: 098 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200252540	A1	20020704	WO 2001US50017	A	20011221	200257 B
US 20020151327	A1	20021017	US 2000258115	P	20001222	200270
			US 200127112	A	20011220	
AU 2002234099	A1	20020708	AU 2002234099	A	20011221	200427

Priority Applications (No Type Date): US 200127117 A 20011220; US 2000258115 P 20001222; US 200127112 A 20011220

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
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WO 200252540	A1	E 68	G09G-005/00	
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Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZM ZW

US 20020151327	A1		H04M-001/00	Provisional application US 2000258115
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Abstract (Basic):

... assistant, personal digital assistant, cellular phone to control electronic device such as television, set-top- box , CD /DVD player , VCR, digital video recorder , satellite receiver, AM/FM tuner, etc...

...interactively select program content through a handheld unit such as personal handheld mobile device by **integrating** an interactive dynamic media directory with device control functionality. The user can easily perform frequent...

24/3,K/6 (Item 6 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.

014185850 **Image available**

WPI Acc No: 2002-006547/200201

XRPX Acc No: N02-005637

Cabinet for portable mini disk player , has double layered buffer structure including outer elastic layer and inner synthetic resin base material whose attachment section are attached to holes in cabinet

Patent Assignee: AIWA KK (AIWA-N)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2001283581	A	20011012	JP 200098653	A	20000331	200201 B

Priority Applications (No Type Date): JP 200098653 A 20000331

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2001283581	A	4	G11B-033/08	

Cabinet for portable mini disk player , has double layered buffer structure including outer elastic layer and inner synthetic resin base material whose attachment section are attached to holes in cabinet

Abstract (Basic):

... includes an inner rigid synthetic resin base material (9) and outer elastic layer (10). The **attachment** sections (9a,9b) of synthetic resin base material are **attached** to the holes (3a,3b) of cabinet.

... Cabinet for portable electronic devices such as portable tape **recorder** , portable mini **disk player** .

...

...By the provision of **attachment** sections, rigid synthetic resin base material is firmly **attached** to the cabinet, hence the separation of base material is prevented. Impact strength is improved...

...The figure shows a sectional view of buffer structure in **cabinet** of portable mini **disk player** . (Drawing includes non-English language text...

... **Attachment** sections (9a,9b

...Title Terms: **ATTACH** ;

24/3,K/7 (Item 7 from file: 350)

DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

013652000 **Image available**

WPI Acc No: 2001-136212/200114

XRPX Acc No: N01-099029

Graphical user interface used as PC interface and A/V interface, allows user to view and manipulate additional information obtained from external database and external information source

Patent Assignee: SONY CORP (SONY); SONY ELECTRONICS INC (SONY)

Inventor: GIOSCIA R; MINGO K; PROEHL A M

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6118450	A	20000912	US 9854997	A	19980403	200114 B

Priority Applications (No Type Date): US 9854997 A 19980403

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 6118450	A	21	G06F-003/00	

Abstract (Basic):

... Used as PC interface and A/V interface. For use with multi-
recording medium integrated player including **CD -ROM discs** , DVD
and DVD-ROM media and audio compact discs...

...and display of expanded graphic, audio and textual information regarding
each CD retained within the **CD player** , and allows user to
manipulate the CDs based on the acquired information. Allows user to...

...Allows automated download of cover art, liner notes and other
information typically contained within a **CD jewel box** . Avoids
degradation in playback quality, and reduces overall amount of data
required to be stored....

24/3,K/8 (Item 8 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.

012980317 **Image available**

WPI Acc No: 2000-152170/200014

XRPX Acc No: N00-113156

Assembling structure of notebook type portable audio apparatus such as radio cassette recorder , CD player , etc used during long-term travel, business trip - has two speakers provided in cover attached openably to main housing in which CD player , amplifier and battery are accommodated

Patent Assignee: TORIGA KK (TORI-N)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2000011631	A	20000114	JP 98193752	A	1998062	200014 B

Priority Applications (No Type Date): JP 98193752 A 19980623

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2000011631	A	4	G11B-033/02	

Assembling structure of notebook type portable audio apparatus such as

radio cassette recorder , CD player , etc used during long-term travel, business trip...

...has two speakers provided in cover attached openably to main housing in which CD player , amplifier and battery are accommodated

...Abstract (Basic): NOVELTY - The apparatus has a CD player (4), an amplifier and a battery (8) accommodated in a main housing (2) and a...

...the magnetic and optical discs is provided in the main housing. The cover is openably attached to the main housing portable...

...USE - For e.g. radio cassette recorder , CD player such as walkman for use at long term travel, business trip...

...The figure shows a perspective view of audio apparatus. (2) Main housing; (3) Cover; (4) CD player ; (7) Storage space; (8) Battery; (9,10) Speakers...

...Title Terms: ATTACH ;

24/3,K/9 (Item 9 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.

012622512 **Image available**

WPI Acc No: 1999-428616/199936

XRFX Acc No: N99-318938

Access media simulator for game compact disc player

Patent Assignee: SCI TOYS LTD (SCTO-N)

Inventor: CHAN Y

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5915261	A	19990622	US 94289091	A	19940811	199936 B
			US 95542807	A	19951013	

Priority Applications (No Type Date): US 94289091 A 19940811; US 95542807 A 19951013

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 5915261	A	10	G06F-013/00	Cont of application US 94289091 Cont of patent US 5651681

Access media simulator for game compact disc player

Abstract (Basic):

... has read only memory location for statically storing image or sound data and has voice integrated circuit for storing sound data. The blank temporary storage area in memory stores both image...

...For simulating floppy disc, video tape, compact disc , LCD in CD player , cassette tape player , video cassette recorder , DAT player

...

...The figure shows plan view of toy compact disc storage medium

24/3,K/10 (Item 10 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.

012034067 ****Image available****

WPI Acc No: 1998-450977/199839

XRPX Acc No: N98-351885

Disk changer for e.g. CD - has guide groove provided in player, to guide upper part of disk conveyed between magazine and player

Patent Assignee: AIWA KK (AIWA-N)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 10188436	A	19980721	JP 96346190	A	19961225	199839 B

Priority Applications (No Type Date): JP 96346190 A 19961225

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 10188436	A	23	G11B-017/28	

... has guide groove provided in player, to guide upper part of disk conveyed between magazine and player

...Abstract (Basic): The disk changer (20) has a **magazine** that contains a **disk** vertically. A movable **player** reproduces the signal **recorded** to the disk. A disk conveyer sends the **disk** between the **magazine** and the player. The upper part of the disk is guided by a guide groove provided in the player, during the conveyance of the **disk** between the **magazine** and player...

...The optical sensor (46) which detects existence of **disk** in the **magazine** is **attached** to the projecting sensor **attachment** part (45) formed on the magazine side of the player. The guide groove is provided in the sensor **attachment** part...

...conveyance, thus preventing disk damage. Many disks can be contained by using narrow spaces in **magazine** to accommodate **disks**.

24/3,K/11 (Item 11 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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011159810 ****Image available****

WPI Acc No: 1997-137735/199713

XRPX Acc No: N97-113739

Electric device e.g. composite type disk player , radio, tape recorder with built - in speaker - has set of holes with predetermined size formed on base of disk player compartment enclosing recess

Patent Assignee: SONY CORP (SONY)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 9017174	A	19970117	JP 95182083	A	19950626	199713 B

Priority Applications (No Type Date): JP 95182083 A 19950626

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 9017174	A	7	G11B-033/12	

Electric device e.g. composite type disk player , radio, tape

recorder with built - in speaker...

...has set of holes with predetermined size formed on base of disk
player compartment enclosing recess

...Abstract (Basic): has a set of sound absorption holes (58) formed on a
base (20) of a disk player (13...

24/3,K/12 (Item 12 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.

008851274 **Image available**

WPI Acc No: 1991-355294/199149

XPX Acc No: N91-271922

Floppy disc cassette with rotatable closure element - has in - built
covers to close head apertures and drive spindle location aperture

Patent Assignee: TDK CORP (DENK)

Inventor: HASHIZUME K; IKEBE M; SASAKI M; SHIBA H

Number of Countries: 002 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 4116344	A	19911128	DE 4116344	A	19910518	199149 B
US 5153801	A	19921006	US 91705022	A	19910522	199243

Priority Applications (No Type Date): JP 91U21224 U 19910312; JP 90U52967 U
19900523; JP 90404056 A 19901221; JP 90404058 A 19901221; JP 90404059 A
19901221; JP 91U19628 U 19910307; JP 90U404056 U 19901221; JP 90U404058 U
19901221; JP 90U404059 U 19901221

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

US 5153801 A 11 G11B-023/03

... has in - built covers to close head apertures and drive spindle
location aperture

...Abstract (Basic): formed with elongated slots (16) providing access for
the recording and playback heads of the drive system. The disc is
located within a spacer (52) located between the covers...

...Abstract (Equivalent): The disk cartridge has a case rotatably
containing a disk and formed with a driving shaft insertion hole and
a number of pickup insertion holes...

...shutter are operated cooperatively by charging or removing the disk
cartridge in or from a recording /reproducing disk player to open
or close the driving shaft insertion hole and the pickup insertion
holes of...

...USE/ADVANTAGE - E.g, for disc player . Prevents invasion of dust...

24/3,K/13 (Item 13 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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003898519

WPI Acc No: 1984-044062/198408

XPX Acc No: N84-033485

Compact disc player with automatic changer - has magazine raised and
lowered to align with turntable before transfer unit is operated

File 348:EUROPEAN PATENTS 1978-2005/Feb W01

(c) 2005 European Patent Office

File 349:PCT FULLTEXT 1979-2002/UB=20050203,UT=20050127

(c) 2005 WIPO/Univentio

Set	Items	Description
S1	54794	(CD OR DISK?? OR DISC??) (3N) (PLAYER?? OR DRIVE?? OR RECORD-ER??)
S2	43020	STORAG?? (3N) (COMPART???? OR SECTION?? OR AREA?? OR BOX?? OR CHAMBER?? OR ENCLOSUR?? OR CONTAINER??)
S3	35307	(CD OR DISK? ? OR DISC? ?) (3N) (STORAGE?? OR MAGAZIN?? OR B-OX?? OR CASE?? OR COMPART???? OR ENCLOSUR?? OR CABIN??)
S4	1436	(CD OR DISK? ? OR DISC? ?) (3N) (STORAGE?? OR CARRYING??) (3N-) (BOX?? OR CASE???) OR (CD OR DISK? ? OR DISC? ?) (3N) MAGAZIN?-??
S5	1037160	BUILTIN OR INBUILT OR IN(2N) BUILT?? OR INTEGRA???? OR ATTA-CH???? OR UNITED OR UNITARY OR (SINGLE OR ONE) (3N) COMPONENT?? OR (ONE OR SINGLE) () PIECE??
S6	4885	PHONOGRAPH?? OR RECORD??? (3N) PLAYER?? OR TOY (3N) RECORDER?? OR STEREO (3N) CABINET??
S7	1	AU=(RAFFERTY C? OR RAFFERTY, C?)
S8	0	S7 NOT SILICIDE
S9	450	S1 (10N) S2
S10	264	S1 (5N) S2
S11	7	S10 (5N) S5
S12	76	S10 AND IC=(G11B? OR B65D-39? OR B65D-43? OR B65D-85?)
S13	21397	STORAG?? (3N) (COMPART???? OR BOX?? OR CHAMBER?? OR ENCLOSUR-?? OR CONTAINER??)
S14	44	S13 (5N) S1
S15	16	S14 AND IC=(G11B? OR B65D-39? OR B65D-43? OR B65D-85?)
S16	16	S15 NOT S11
S17	25	S1 (15N) S4 (15N) S5
S18	25	S17 NOT (S11 OR S15)
S19	1960	S6 (15N) S1
S20	80	S19 (15N) S3
S21	67	S19 (5N) S3
S22	38	S21 AND IC=(G11B? OR B65D-39? OR B65D-43? OR B65D-85?)
S23	38	S22 NOT (S15 OR S11 OR S18)
S24	37	S23 NOT AD=20020718:20050214/PR
S25	5	S24 (10N) S5
S26	8	PORTABL?? (5N) S4
S27	3	S26 (15N) S1
S28	3	S27 NOT (S15 OR S11 OR S18 OR S25)

11/3,K/1 (Item 1 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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01820264

Virtual network addresses
Virtuelle Netzwerkadressen
Adresse reseau virtuelle

PATENT ASSIGNEE:

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INVENTOR:

Wild, Aloysius Arthur, III Ixia, 26601 W Agoura Road, Calabasas,
California 91302, (US)

Ambrose, Nick Ixia, 26601 W Agoura Road, Calabasas, California 91302,
(US)

LEGAL REPRESENTATIVE:

Wombwell, Francis (46021), Potts, Kerr & Co. 15, Hamilton Square,
Birkenhead Merseyside CH41 6BR, (GB)

PATENT (CC, No, Kind, Date): EP 1482712 A1 041201 (Basic)

APPLICATION (CC, No, Date): EP 2004253011 040521;

PRIORITY (CC, No, Date): US 448969 030530

DESIGNATED STATES: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR;
HU; IE; IT; LI; LU; MC; NL; PL; PT; RO; SE; SI; SK; TR

EXTENDED DESIGNATED STATES: AL; HR; LT; LV; MK

INTERNATIONAL PATENT CLASS: H04L-029/12; H04L-012/26

ABSTRACT WORD COUNT: 89

NOTE:

Figure number on first page: 3

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200449	1143
SPEC A	(English)	200449	3582
Total word count - document A			4725
Total word count - document B			0
Total word count - documents A + B			4725

...SPECIFICATION devices such as printers, scanners, facsimile machines and the like; network capable storage devices including **disk drives** such as network **attached storage** (NAS) and **storage area network** (SAN) devices; networking devices such as routers, relays, firewalls, hubs, switches, bridges, and multiplexers...

11/3,K/2 (Item 2 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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01793146

Self-similar traffic generation
Gleichartigenverkehrsgeneratoreinrichtung
Generateur de trafic autosimilaire

PATENT ASSIGNEE:

Ixia, (4831180), 26601 W Agoura Road, Calabasas, California 91302, (US),
(Applicant designated States: all)

INVENTOR:

Dugatkin, Diego, c/o Ixia 26601 W Agoura Rd. , Calabasas California
91302, (US)

LEGAL REPRESENTATIVE:

Wombwell, Francis et al (46022), Potts, Kerr & Co. 15, Hamilton Square,
Birkenhead Merseyside CH41 6BR, (GB)
PATENT (CC, No, Kind, Date): EP 1465367 A1 041006 (Basic)
APPLICATION (CC, No, Date): EP 2004251177 040301;
PRIORITY (CC, No, Date): US 404864 030331
DESIGNATED STATES: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR;
HU; IE; IT; LI; LU; MC; NL; PL; PT; RO; SE; SI; SK; TR
EXTENDED DESIGNATED STATES: AL; HR; LT; LV; MK
INTERNATIONAL PATENT CLASS: H04L-012/24; H04L-012/26
ABSTRACT WORD COUNT: 77
NOTE:

Figure number on first page: 3

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200441	4408
SPEC A	(English)	200441	5086
Total word count - document A			9494
Total word count - document B			0
Total word count - documents A + B			9494

...SPECIFICATION devices such as printers, scanners, facsimile machines and the like; network capable storage devices including **disk drives** such as network **attached storage** (NAS) and **storage area network** (SAN) devices; networking devices such as routers, relays, hubs, switches, bridges, and multiplexers. In...

11/3,K/3 (Item 3 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2005 European Patent Office. All rts. reserv.

01791393

Dynamic streams for network analysis
Dynamische Ströme für die Netzwerkanalyse
Flux dynamiques pour l'analyse de réseau

PATENT ASSIGNEE:

Ixia, (4831180), 26601 W Agoura Road, Calabasas, California 91302, (US),
(Applicant designated States: all)

INVENTOR:

Pepper, Gerald, c/o Ixia 26601 W Agoura Road, Calabasas California 91302,
(US)

Pepper, Gerald, c/o Ixia, 26601 W Agoura Road, Calabasas, California
91302, (US)

LEGAL REPRESENTATIVE:

Wombwell, Francis (46021), Potts, Kerr & Co. 15, Hamilton Square,
Birkenhead Merseyside CH41 6BR, (GB)
PATENT (CC, No, Kind, Date): EP 1463240 A2 040929 (Basic)
APPLICATION (CC, No, Date): EP 2004251178 040301;
PRIORITY (CC, No, Date): US 382939 030306
DESIGNATED STATES: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR;
HU; IE; IT; LI; LU; MC; NL; PL; PT; RO; SE; SI; SK; TR
EXTENDED DESIGNATED STATES: AL; HR; LT; LV; MK
INTERNATIONAL PATENT CLASS: H04L-012/26
ABSTRACT WORD COUNT: 96
NOTE:

Figure number on first page: 2

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200440	1172
SPEC A	(English)	200440	4144
Total word count - document A			5316
Total word count - document B			0
Total word count - documents A + B			5316

...SPECIFICATION devices such as printers, scanners, facsimile machines and the like; network capable storage devices including **disk drives** such as network **attached storage** (NAS) and **storage area network** (SAN) devices; networking devices such as routers, relays, hubs, switches, bridges, and multiplexers. In...

11/3,K/4 (Item 4 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

(c) 2005 European Patent Office. All rts. reserv.

01610643

Program, network system, terminal apparatus, and server apparatus

Rechnerprogramm, Netzwerksystem, Terminal und Servergerat

Logiciel, systeme de reseau, appareil terminal et serveur

PATENT ASSIGNEE:

SONY CORPORATION, (214025), 6-7-35 Kitashinagawa Shinagawa-ku, Tokyo 141, (JP), (Applicant designated States: all)

INVENTOR:

Fujisawa, Naoki, c/o Sony Corporation, 6-7-35 Kitashinagawa, Shinagawa-ku, Tokyo 141, (JP)

Kojima, Kiyonobu, c/o Sony Corporation, 6-7-35 Kitashinagawa, Shinagawa-ku, Tokyo 141, (JP)

Takao, Yoshiyuki, c/o Sony Corporation, 6-7-35 Kitashinagawa, Shinagawa-ku, Tokyo 141, (JP)

LEGAL REPRESENTATIVE:

Pratt, Richard Wilson et al (46458), D. Young & Co, 21 New Fetter Lane, London EC4A 1DA, (GB)

PATENT (CC, No, Kind, Date): EP 1331561 A2 030730 (Basic)

APPLICATION (CC, No, Date): EP 2002258938 021224;

PRIORITY (CC, No, Date): JP 2001391552 011225

DESIGNATED STATES: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE; SI; SK; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO

INTERNATIONAL PATENT CLASS: G06F-009/46

ABSTRACT WORD COUNT: 121

NOTE:

Figure number on first page: NONE

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200331	1668
SPEC A	(English)	200331	13374
Total word count - document A			15042
Total word count - document B			0
Total word count - documents A + B			15042

...SPECIFICATION to be reproduced and output by each client 2 are stored illustratively in a specific **storage area** of a local hard **disc drive attached** to a particular client 2. In other words, one particular client 2 is arranged to...

11/3,K/5 (Item 1 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2005 WIPO/Univentio. All rts. reserv.

01124876 **Image available**

SYSTEM, METHOD AND COMPUTER PROGRAM PRODUCT FOR VIDEO TELECONFERENCING AND MULTIMEDIA PRESENTATIONS

SYSTEME, PROCEDE ET PROGRAMME INFORMATIQUE POUR LES TELECONFERENCES VIDEO ET LES PRESENTATIONS MULTIMEDIAS

Patent Applicant/Assignee:

OPENPEAK INC, 5355 Town Center Road, Suite 301, Boca Raton, FL 33486, US,
US (Residence), US (Nationality)

Inventor(s):

KRZYZANOWSKI Paul, 180 Marian Avenue, Fanwood, NJ 07023, US,
TROTTER John, 170 Dogwood Lane, Berkeley Heights, NJ 07922, US,
PITTS Michael, 9230 Emily Circle, Lake Worth, FL 33467, US,

Legal Representative:

SOKOHL Robert E (agent), Sterne, Kessler, Goldstein & Fox P.L.L.C., 1100
New York Avenue, N.W., Washington, DC 20005-3934, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200446864 A2-A3 20040603 (WO 0446864)

Application: WO 2003US36529 20031114 (PCT/WO US03036529)

Priority Application: US 2002426823 20021118; US 2003356528 20030203

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK
LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC
SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 8181

Fulltext Availability:

Claims

Claim

... to a storage system comprises storing said audio and video data to one of an optical **disk drive**, a **storage area network**, or network **attached storage**.

5 The method of claim 3, further comprising retrieving said audio and video data...

...storage system comprises storing a copy of said multimedia presentation to one of. an optical **disk drive**, a **storage area network**, or network **attached storage**.

8 The method of claim 6, further comprising retrieving said copy of said...

...integrated video teleconferencing system of claim 23, wherein said storage system comprises one of. an optical **disk drive**, a **storage area network**, or network **attached storage**.

26 The integrated video teleconferencing system of claim 23, wherein said processor is further...

11/3,K/6 (Item 2 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2005 WIPO/Univentio. All rts. reserv.

00961459 **Image available**

**SYSTEM AND METHOD FOR MANIPULATION OF SOFTWARE
SYSTEME ET PROCEDE DE MANIPULATION DE LOGICIEL**

Patent Applicant/Assignee:

CONEXANT SYSTEMS INC, 4311 Jamboree Road, Newport Beach, CA 92660, US, US
(Residence), US (Nationality)

Inventor(s):

BEN-ROMDHANE Mohamed S, 63 Danbury Lane, Irvine, CA 92618, US,
MULHERKAR Harshal A, 3701 Park View Lane, Irvine, CA 92612, US,
MANDAYAM Ramanand, 209 Santa Louisa, Irvine, CA 92606, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200295576 A1 20021128 (WO 0295576)

Application: WO 2002IB1786 20020517 (PCT/WO IB0201786)

Priority Application: US 2001865300 20010524

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI
SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 25912

Fulltext Availability:

Detailed Description

Detailed Description

... files associated with the information model.

[151]

Forexample, adocumentationfilemaybecreatedanewormodifiedfromaprevious version and stored in a local **storage area** , for example on a **disk drive attached** to a computer.

Subsequently, a design engineer or user can establish a connection from the...

11/3,K/7 (Item 3 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00765520 **Image available**

**ARTICLE OF MANUFACTURE AND METHOD FOR PROTECTING INFORMATION-STORAGE
DEVICES**

ARTICLE DE FABRICATION ET PROCEDE DE PROTECTION DE SUPPORTS DE STOCKAGE
D'INFORMATIONS

Patent Applicant/Inventor:

MERRELL Troy James, 2235 Parkview Drive, Longmont, CO 80501, US, US
(Residence), US (Nationality)

HAZEKAMP John Fredrick, 1446 Stockton Drive, Erie, CO 80516, US, US
(Residence), US (Nationality)

REDDER Todd Allen, 1612 Cedarwood Drive, Longmont, CO 80501, US, US
(Residence), US (Nationality)

Legal Representative:

STERN Richard H (agent), Suite 900, 1150 18th Street, NW, Washington, DC
20036-3816, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200078638 A1 20001228 (WO 0078638)

Application: WO 99US14170 19990727 (PCT/WO US9914170)

Priority Application: US 99139914 19990617

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

CN DE GB JP KR SG US

(EP) FR

Publication Language: English

Filing Language: English

Fulltext Word Count: 7105

Fulltext Availability:

Detailed Description

English Abstract

The present invention relates to a **container** for packaging information
storage devices such as **disc drives**. A **unitary** molded package (10)
is constructed from PVC sheeting and made with an upper (12) and...

Detailed Description

(57) Abstract: The present invention relates to a **container** for
packaging information **storage** devices such as **disc drives**. A
unitary molded package (10) is constructed from PVC sheeting and made
with an upper (12) and...

?

16/3,K/1 (Item 1 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2005 European Patent Office. All rts. reserv.

01737128

Hard disk drive storage system
Festplattenspeichersystem
Systeme de stockage a disque dur

PATENT ASSIGNEE:

Hewlett-Packard Development Company, L.P., (4337790), 20555 S.H. 249,
Houston, TX 77070, (US), (Applicant designated States: all)

INVENTOR:

Ballard, Curtis C., 12275 Weld County Road 74, Eaton, CO 80615, (US)

LEGAL REPRESENTATIVE:

Schoppe, Fritz, Dipl.-Ing. (55463), Schoppe, Zimmermann, Stockeler &
Zinkler Patentanwalte Postfach 246, 82043 Pullach bei Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 1422713 A2 040526 (Basic)

APPLICATION (CC, No, Date): EP 2003013055 030610;

PRIORITY (CC, No, Date): US 303415 021125

DESIGNATED STATES: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR;
HU; IE; IT; LI; LU; MC; NL; PT; RO; SE; SI; SK; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK

INTERNATIONAL PATENT CLASS: G11B-020/20

ABSTRACT WORD COUNT: 96

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200422	426
SPEC A	(English)	200422	3411
Total word count - document A			3837
Total word count - document B			0
Total word count - documents A + B			3837

INTERNATIONAL PATENT CLASS: G11B-020/20

...SPECIFICATION the guide members 46, 47 readily slide along the guides 52
to guide the hard disk drive 12 into the storage chamber 50
formed therein.

The guide members 46, 47 may be mounted in any suitable position...

16/3,K/2 (Item 2 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2005 European Patent Office. All rts. reserv.

01452333

**Information processing apparatus having housing capable of removably
storing a plurality of hard disc drives**

**Informationsverarbeitungsgerat mit Gestell geeignet zur abnehmbaren
Speicherung einer Mehrheit von Festplattenlaufwerke**

**Appareil de traitement d'information avec chassis pouvant contenir de
maniere amovible une pluralite d'unites a disques durs**

PATENT ASSIGNEE:

Kabushiki Kaisha Toshiba, (2077103), 1-1, Shibaura 1-chome, Minato-ku,
Tokyo, (JP), (Applicant designated States: all)

INVENTOR:

Nagasawa, Ichiro, Kabushiki Kaisha Toshiba, Intellectual Prop. Division,

1-1 Shibaura 1-chome, Minato-ku, Tokyo 105-8001, (JP)
 LEGAL REPRESENTATIVE:
 Henkel, Feiler, Hanzel (100401), Mohlstrasse 37, 81675 Munchen, (DE)
 PATENT (CC, No, Kind, Date): EP 1244109 A2 020925 (Basic)
 EP 1244109 A3 030319
 APPLICATION (CC, No, Date): EP 2001122230 010917;
 PRIORITY (CC, No, Date): JP 200176838 010316
 DESIGNATED STATES: DE; FR; GB
 EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI
 INTERNATIONAL PATENT CLASS: G11B-033/12
 ABSTRACT WORD COUNT: 152
 NOTE:

Figure number on first page: 17A

LANGUAGE (Publication,Procedural,Application): English; English; English
 FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200239	1743
SPEC A	(English)	200239	8927
Total word count - document A			10670
Total word count - document B			0
Total word count - documents A + B			10670

INTERNATIONAL PATENT CLASS: G11B-033/12

...SPECIFICATION guide portions;

FIG. 16 is a perspective view of the extension unit showing the hard disc drive module inserted in the first storage chamber of the housing;

FIG. 17A is a perspective view of the extension unit showing a...
 ...the housing;

FIG. 19 is a sectional view of the extension unit showing the hard disc drive module set in the first storage chamber ;

FIG. 20 is a perspective view of the extension unit showing the way a stopper...a description of steps of procedure for loading into and unloading one of the hard disc drive modules 57 from the first storage chamber 62 of the server 1 constructed in this manner.

First, the operating lever 82 is...completed.

The following is a description of steps of procedure for taking out the hard disc drive module 57 from the first storage chamber 62.
 First, the operator inserts his/her fingertips into the loading gate 44 of the...

...first storage chamber 62.

Since steps of procedure for loading into and unloading the hard disc drive module 57 from the second storage chamber 63 of the housing 36 are similar to the steps of procedure for the first...

16/3,K/3 (Item 3 from file: 348)
 DIALOG(R)File 348:EUROPEAN PATENTS
 (c) 2005 European Patent Office. All rts. reserv.

01206983

COMPUTER SYSTEM WITH DUMMY DRIVE FOR OPTIMAL COOLING EFFICIENCY
 RECHNERSYSTEM MIT ATTRAPPEN-LAUFWERK FUR OPTIMALE KUEHLUNGSLEISTUNG
 SYSTEME INFORMATIQUE A UNITE FACTICE POUR REFROIDISSEMENT OPTIMAL
 PATENT ASSIGNEE:

SUN MICROSYSTEMS, INC., (1392733), 901 San Antonio Road, Palo Alto,
 California 94303, (US), (Proprietor designated states: all)

INVENTOR:

GROUELL, William, L., 103 Boxford Place, San Ramon, CA 94583, (US)

LEGAL REPRESENTATIVE:

Harris, Ian Richard (72231), D. Young & Co., 21 New Fetter Lane, London
EC4A 1DA, (GB)

PATENT (CC, No, Kind, Date): EP 1157385 A1 011128 (Basic)
EP 1157385 B1 021016
WO 2000052695 000908

APPLICATION (CC, No, Date): EP 2000912091 000229; WO 2000US5304 000229

PRIORITY (CC, No, Date): US 260387 990301

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;
LU; MC; NL; PT; SE

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G11B-033/14 ; G06F-001/20

NOTE:

No A-document published by EPO

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200242	695
CLAIMS B	(German)	200242	648
CLAIMS B	(French)	200242	909
SPEC B	(English)	200242	2556
Total word count - document A			0
Total word count - document B			4808
Total word count - documents A + B			4808

INTERNATIONAL PATENT CLASS: G11B-033/14 ...

...SPECIFICATION system includes multiple electronic components, including a central processing unit or "processor", positioned within an **enclosure** and data **storage** components such as **disk drives**. Certain systems include external or internal data storage subsystems that are variously configured. Such subsystems...

16/3,K/4 (Item 4 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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00977327

Disc retainer

Plattenbehälter

Support de disque

PATENT ASSIGNEE:

Alpha-Tech Moulding Limited, (2527630), Sands Industrial Estate, High Wycombe, Buckinghamshire HP12 4HJ, (GB), (applicant designated states: AT;BE;CH;CY;DE;DK;ES;FI;FR;GB;GR;IE;IT;LI;LU;MC;NL;PT;SE)

INVENTOR:

Cowan, Ian Macfarlane, 338 Chester Road North, Sutton Coldfield, West Midlands, B73 6RP, (GB)

LEGAL REPRESENTATIVE:

Kinton, Colin David (32635), Barker Brettell 138 Hagley Road, Edgbaston, Birmingham B16 9PW, (GB)

PATENT (CC, No, Kind, Date): EP 886278 A1 981223 (Basic)

APPLICATION (CC, No, Date): EP 98304674 980612;

PRIORITY (CC, No, Date): GB 9712536 970617

DESIGNATED STATES: BE; CH; DE; DK; ES; FI; FR; GB; IT; LI; LU; NL; SE

INTERNATIONAL PATENT CLASS: G11B-033/04

ABSTRACT WORD COUNT: 70

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9852	375
SPEC A	(English)	9852	761
Total word count - document A			1136
Total word count - document B			0
Total word count - documents A + B			1136

INTERNATIONAL PATENT CLASS: **G11B-033/04**

...SPECIFICATION CDs and DVDs are provided with a central hole to engage a spindle of a **disc - player** . Hitherto, **containers** adapted for the **storage** of discs have been provided with a clip to engage the central hole of the...

16/3,K/5 (Item 5 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2005 European Patent Office. All rts. reserv.

00571607

Compact, high-speed, rotary actuator
Kompakter rotierender Hochgeschwindigkeitsantrieb
Actionneur rotatif, compact et a haute vitesse

PATENT ASSIGNEE:

CENSTOR CORPORATION, (342342), 530 Race Street, San Jose California 95126
, (US), (applicant designated states:
AT;BE;CH;DE;DK;ES;FR;GB;GR;IE;IT;LI;LU;MC;NL;PT;SE)

INVENTOR:

Brown, Stanley F., 22265 Rolling Hills Road, Saratoga, California 95070,
(US)

LEGAL REPRESENTATIVE:

Wombwell, Francis (46021), Potts, Kerr & Co. 15, Hamilton Square,
Birkenhead Merseyside L41 6BR, (GB)

PATENT (CC, No, Kind, Date): EP 558355 A2 930901 (Basic)
EP 558355 A3 930922
EP 558355 B1 980819

APPLICATION (CC, No, Date): EP 93301532 930301;

PRIORITY (CC, No, Date): US 843895 920227

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC;
NL; PT; SE

INTERNATIONAL PATENT CLASS: **G11B-005/55**

ABSTRACT WORD COUNT: 91

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	9834	996
CLAIMS B	(German)	9834	992
CLAIMS B	(French)	9834	1201
SPEC B	(English)	9834	5033
Total word count - document A			0
Total word count - document B			8222
Total word count - documents A + B			8222

INTERNATIONAL PATENT CLASS: **G11B-005/55**

...SPECIFICATION invention offers important, contributive, enhancement applicability.

In modern computer systems applications, among the most important **disk** - **drive** performance parameters are (1) formatted **box storage** capacity per unit of volume (a measure of volumetric efficiency), (2) data transfer rate, and...

16/3,K/6 (Item 6 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2005 European Patent Office. All rts. reserv.

00545189

Size-independent, rigid-disk, magnetic digital-information storage system with localized read/write enhancements

Formatunabhängige, Festplatte für digitale magnetische Plattenanordnung mit örtlichen Schreib-/Leseverbesserungen

Disque dur a format variable pour systeme de stockage magnetique pour information numerique des ameliorations localisees de lecture/ecriture

PATENT ASSIGNEE:

CENSTOR CORPORATION, (342342), 530 Race Street, San Jose California 95126, (US), (applicant designated states:

AT;BE;CH;DE;DK;ES;FR;GB;GR;IE;IT;LI;LU;MC;NL;PT;SE)

INVENTOR:

Hamilton, Harold J., 530 Race Street, San Jose, California 95126, (US)

LEGAL REPRESENTATIVE:

Wombwell, Francis (46021), Potts, Kerr & Co. 15, Hamilton Square, Birkenhead Merseyside L41 6BR, (GB)

PATENT (CC, No, Kind, Date): EP 540282 A2 930505 (Basic)
EP 540282 A3 930630
EP 540282 B1 980107

APPLICATION (CC, No, Date): EP 92309810 921027;

PRIORITY (CC, No, Date): US 783509 911028; US 966095 921022

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE

INTERNATIONAL PATENT CLASS: G11B-005/31 ; G11B-005/48

ABSTRACT WORD COUNT: 92

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	9802	335
CLAIMS B	(German)	9802	351
CLAIMS B	(French)	9802	402
SPEC B	(English)	9802	6097
Total word count - document A			0
Total word count - document B			7185
Total word count - documents A + B			7185

INTERNATIONAL PATENT CLASS: G11B-005/31 ...

... G11B-005/48

...SPECIFICATION creating even greater demand for improved disk drive performance and capacity.

Among the most important **disk drive** performance parameters are (1) formatted **box storage** capacity, (2) average access time to data, and (3) data transfer rate. Formatted box storage...

16/3,K/7 (Item 7 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

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00489167

Computer device overheating warning system

Computergerat Uberhitzungswarnungssystem

Systeme d'alarme de surchauffe de dispositif d'ordinateur

PATENT ASSIGNEE:

Compaq Computer Corporation, (687792), 20555 S.H. 249, Houston Texas
77070, (US), (applicant designated states:

AT;BE;CH;DE;DK;ES;FR;GB;GR;IT;LI;NL;SE)

INVENTOR:

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LEGAL REPRESENTATIVE:

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PATENT (CC, No, Kind, Date): EP 486178 A1 920520 (Basic)

EP 486178 B1 960717

APPLICATION (CC, No, Date): EP 91309948 911028;

PRIORITY (CC, No, Date): US 612133 901113

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IT; LI; NL; SE

INTERNATIONAL PATENT CLASS: **G11B-033/14 ; G11B-033/10**

ABSTRACT WORD COUNT: 79

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF1	462
CLAIMS B	(English)	EPAB96	462
CLAIMS B	(German)	EPAB96	445
CLAIMS B	(French)	EPAB96	540
SPEC A	(English)	EPABF1	4129
SPEC B	(English)	EPAB96	4325
Total word count - document A			4591
Total word count - document B			5772
Total word count - documents A + B			10363

INTERNATIONAL PATENT CLASS: **G11B-033/14 ...**

... G11B-033/10

...SPECIFICATION system according to the present invention includes
temperature sensors which are housed in the respective **drive chambers**
where **disk drive storage** units are located. Each of the temperature
sensors outputs a temperature indication signal to comparison...

...SPECIFICATION to an embodiment the present invention includes
temperature sensors which are housed in the respective **drive chambers**
where **disk drive storage** units are located. Each of the
temperature sensors outputs a temperature indication signal to
comparison...

16/3,K/8 (Item 8 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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00468077

Disc handling device, method of use and package.

Plattenbehandlungsvorrichtung, Gebrauchsverfahren und Verpackung.

Dispositif de manipulation de disque, sa methode d'utilisation et son emballage.

PATENT ASSIGNEE:

Friend, Robert N., (1404710), 1308 Willow Avenue, Melrose Part, PA 19026, (US), (applicant designated states:

AT;BE;CH;DE;DK;ES;FR;GB;GR;IT;LI;LU;NL;SE)

INVENTOR:

Friend, Robert N., 1308 Willow Avenue, Melrose Part, PA 19026, (US)

LEGAL REPRESENTATIVE:

Weitzel, Wolfgang, Dr.-Ing. (12922), Friedenstrasse 10, W-7920 Heidenheim, (DE)

PATENT (CC, No, Kind, Date): EP 529114 A1 930303 (Basic)

APPLICATION (CC, No, Date): EP 91114054 910822;

PRIORITY (CC, No, Date): EP 91114054 910822

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IT; LI; LU; NL; SE

INTERNATIONAL PATENT CLASS: G11B-023/00 ; B25B-009/00

ABSTRACT WORD COUNT: 260

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF1	567
SPEC A	(English)	EPABF1	1767
Total word count - document A			2334
Total word count - document B			0
Total word count - documents A + B			2334

INTERNATIONAL PATENT CLASS: G11B-023/00 ...

...SPECIFICATION that the disc is removed from the surface upon which it lies such as a **CD player**, **storage box** or any other surface.

Without further elaboration the foregoing will so fully illustrate my invention...

16/3,K/9 (Item 9 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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00399973

Magnetic disk drive with seal.

Abgedichtetes magnetisches Plattengerat.

Entrainement pour disque magnetique avec garniture etanche.

PATENT ASSIGNEE:

International Business Machines Corporation, (200120), Old Orchard Road, Armonk, N.Y. 10504, (US), (applicant designated states: DE;FR;GB)

INVENTOR:

Brooks, Peter Everett, 5370 Timberridge Court SE, Rochester, Minnesota 55904, (US)

Rigotti, James Michael, 2605 Oslo Court NE, Rochester, Minnesota 55904, (US)

LEGAL REPRESENTATIVE:

Moss, Robert Douglas (34141), IBM United Kingdom Limited Intellectual Property Department Hursley Park, Winchester Hampshire SO21 2JN, (GB)

PATENT (CC, No, Kind, Date): EP 393915 A2 901024 (Basic)

EP 393915 A3 910109

APPLICATION (CC, No, Date): EP 90303868 900410;
PRIORITY (CC, No, Date): US 338920 890417
DESIGNATED STATES: DE; FR; GB
INTERNATIONAL PATENT CLASS: G11B-033/14
ABSTRACT WORD COUNT: 141

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF1	361
SPEC A	(English)	EPABF1	1670
Total word count - document A			2031
Total word count - document B			0
Total word count - documents A + B			2031

INTERNATIONAL PATENT CLASS: G11B-033/14

...SPECIFICATION a magnetic disk drive, it is necessary to seal all interfaces between components forming the enclosure . As the data storage capacity of magnetic disk drives increases, less space is available for sealing the unit with conventional elastomeric gaskets and clamping...

16/3,K/10 (Item 10 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2005 European Patent Office. All rts. reserv.

00367324

Apparatus including dual carriages for storing and retrieving information containing discs and method.

Gerat mit zwei Transportvorrichtungen zur Lagerung und zum Transport von Informationsplatten und Verfahren.

Appareil comprenant deux chariots pour le rangement et le transport des disques d'information et sa methode.

PATENT ASSIGNEE:

CYGNET SYSTEMS INCORPORATED, (1048240), 601 West California Avenue,
Sunnyvale California 94086, (US), (applicant designated states:
AT;BE;CH;DE;ES;FR;GB;GR;IT;LI;LU;NL;SE)

INVENTOR:

Hug, Paul, 18540 Vessing Road, Saratoga California 95070, (US)
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Umeda, Bill, 2133 Belar, San Jose California 95128, (US)
Yesnosky, Paul A., 696 Choctaw Drive, San Jose California 95123, (US)

LEGAL REPRESENTATIVE:

Alexander, Thomas Bruce et al (27591), Boulton, Wade & Tennant 27 Furnival
Street, London EC4A 1PQ, (GB)

PATENT (CC, No, Kind, Date): EP 351221 A2 900117 (Basic)
EP 351221 A3 900411

APPLICATION (CC, No, Date): EP 89307119 890713;
PRIORITY (CC, No, Date): US 219553 880714
DESIGNATED STATES: AT; BE; CH; DE; ES; FR; GB; GR; IT; LI; LU; NL; SE
INTERNATIONAL PATENT CLASS: G11B-017/22
ABSTRACT WORD COUNT: 93

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF1	1833
SPEC A	(English)	EPABF1	5786

Total word count - document A 7619
Total word count - document B 0
Total word count - documents A + B 7619

INTERNATIONAL PATENT CLASS: G11B-017/22

...SPECIFICATION In each of these arrangements, in order to transfer a given disc between a specific **storage compartment** and a **disc drive**, a single carriage mechanism is used. Should that mechanism break down, the entire apparatus becomes...

...is limited to the speed at which the carriage mechanism can move between a given **storage compartment** and a **disc drive**.

As will be described in detail hereinafter, applicants have taken an entirely different approach in...

...and disc drives such that one disc can be transferred into or out of one **storage compartment** of a **disc drive** while a second **disc** is being transferred into or out of a different **storage compartment** or **disc drive** or such that two information-containing discs can be simultaneously transferred between different pairs of...

...the carriage means is, for example, retrieving a given information-containing disc from a particular **storage compartment** for use in a particular **disc drive**, the other carriage means can be simultaneously moving another disc out from that specified disc...

...On the other hand, while one carriage means is transferring a particular disc between one **storage compartment** and a particular **disc drive**, the other carriage means could be simultaneously transferring a second disc between a second **storage compartment** and a second **disc drive**. In that way, these operations can be carried out faster than would be the case...takes the appropriate instructions from its operator and transfers information-containing discs between the mail **box**, **disc storage** and **disc drive** compartments in accordance with the instructions it receives.

Once the various storage compartments are filled...various(?) of the present invention using a single library so long as it includes disc **storage compartment** (including a mailbox) and **disc drives**. The apparatus also contemplates using a single carriage assembly of the type to be described...push the disc end cartridge housing out of the carriage frame and into either a **storage compartment** or **disc drive**.

As indicated previously, carriage assembly 28, specifically its main frame 76, is supported for rotation...

16/3,K/11 (Item 11 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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00319782

Apparatus for storing and retrieving information containing disc utilizing a movable magazine.

Gerat zur Lagerung und Wiederfindung einer Informationsplatte mit einem verstellbaren Behalter.

Appareil de stockage et de restitution d'un disque contenant de l'information utilisant un magasin mobile.

PATENT ASSIGNEE:

CYGNET SYSTEMS INCORPORATED, (1048240), 601 West California Avenue,
Sunnyvale California 94086, (US), (applicant designated states:
AT;BE;CH;DE;ES;FR;GB;GR;IT;LI;LU;NL;SE)

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LEGAL REPRESENTATIVE:

Alexander, Thomas Bruce et al (27591), Boulton, Wade & Tennant 27 Furnival
Street, London EC4A 1PQ, (GB)

PATENT (CC, No, Kind, Date): EP 321248 A2 890621 (Basic)
EP 321248 A3 891227
EP 321248 B1 950201

APPLICATION (CC, No, Date): EP 88311886 881215;

PRIORITY (CC, No, Date): US 133008 871215

DESIGNATED STATES: AT; BE; CH; DE; ES; FR; GB; GR; IT; LI; LU; NL; SE

INTERNATIONAL PATENT CLASS: G11B-017/22

ABSTRACT WORD COUNT: 153

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPBBF2	2025
CLAIMS B	(English)	EPBBF2	1436
CLAIMS B	(German)	EPBBF2	1408
CLAIMS B	(French)	EPBBF2	1796
SPEC A	(English)	EPBBF2	7454
SPEC B	(English)	EPBBF2	7047
Total word count - document A			9479
Total word count - document B			11687
Total word count - documents A + B			21166

INTERNATIONAL PATENT CLASS: G11B-017/22

...SPECIFICATION sided disc using a drive having one sided storage and retrieval capabilities.

Preferably, the magazine **compartment** at said **storage** station and said **disc drive** are vertically oriented and wherein means for controlling the rotation of said carriage means includes...the present invention, the transfer arrangement is configured to transfer a disc from a magazine **compartment** at the disc **storage** station to the **disc drive** while simultaneously transferring a **disc** from the **drive** to the magazine **compartment** at the disc **storage** station. In this same actual working embodiment, each disc is supported for movement between the... operation of transfer arm 92 allows fingers 100 to engage the disc in either a **storage compartment** or the **disc drive** and pull it into frame 90 or move a disc from frame 90 and into either a **storage compartment** or the **disc drive**.

Returning to Figure 13 in conjunction with Figures 14 and 15, attention is now directed...

...SPECIFICATION sided disc using a drive having one sided storage and retrieval capabilities.

Preferably, the magazine **compartment** at said **storage** station and said **disc drive** are vertically oriented and wherein means for controlling the rotation of said carriage means includes...the present invention, the transfer arrangement is configured to transfer a disc from a magazine **compartment** at the disc **storage** station to the **disc drive** while simultaneously transferring a **disc** from the **drive** to the magazine **compartment** at the disc **storage** station. In this same actual working embodiment, each disc is supported for movement between the... operation of transfer arm 92 allows fingers 100 to engage the disc in either a **storage compartment** or the **disc drive** and pull it into

frame 90 or move a disc from frame 90 and into either a **storage compartment** or the **disc drive**.

Returning to Figure 13 in conjunction with Figures 14 and 15, attention is now directed...

...CLAIMS sided storage and retrieval capabilities.

10. An apparatus according to Claim 9 wherein said magazine **compartment** at said **storage** station and said **disc drive** are vertically oriented and wherein means for controlling the rotation of said carriage means includes...

16/3,K/12 (Item 12 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2005 European Patent Office. All rts. reserv.

00206891

A disk enclosure.

Plattenumhüllung.

Enceinte pour disques.

PATENT ASSIGNEE:

International Business Machines Corporation, (200120), Old Orchard Road, Armonk, N.Y. 10504, (US), (applicant designated states: DE;FR;GB;IT)

INVENTOR:

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PATENT (CC, No, Kind, Date): EP 218851 A2 870422 (Basic)

EP 218851 A3 881207

EP 218851 B1 911121

APPLICATION (CC, No, Date): EP 86111463 860819;

PRIORITY (CC, No, Date): US 787933 851016

DESIGNATED STATES: DE; FR; GB; IT

INTERNATIONAL PATENT CLASS: **G11B-025/04 ; G11B-033/14 ; G11B-017/038**

ABSTRACT WORD COUNT: 111

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
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CLAIMS B	(English)	EPBBF1	344
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CLAIMS B	(German)	EPBBF1	336
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CLAIMS B	(French)	EPBBF1	394
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SPEC B	(English)	EPBBF1	1679
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Total word count - document A	0
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Total word count - document B	2753
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Total word count - documents A + B	2753
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INTERNATIONAL PATENT CLASS: **G11B-025/04 ...**

... G11B-033/14 ...

... G11B-017/038

...SPECIFICATION The present invention relates to disk storage device. In particular, it is directed to a **storage** device head- **disk enclosure** for **drives** that are **servo** written with permanent data.

Disk enclosures must be sealed against particulate matter that might be ...

16/3,K/13 (Item 1 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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01013059 **Image available**

DISC DRIVE GAS SUPPLY SYSTEM

SYSTEME D'ALIMENTATION EN GAZ D'UN LECTEUR DE DISQUE

Patent Applicant/Assignee:

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Inventor(s):

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ANDERSON Kurt Michael, 836 Mount Evans Ct., Louisville, CO 80027, US,
WONG Walter, 2919 S. Lakeridge Trail, Boulder, CO 80302, US,

Legal Representative:

CESARI Kirk A (agent), Seagate Technology LLC, Intellectual Property -
SHK2LG, 1280 Disc Drive, Shakopee, MN 55379-1863, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200343012 A1 20030522 (WO 0343012)

Application: WO 2002US3841 20020207 (PCT/WO US0203841)

Priority Application: US 2001339365 20011113

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI
SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW

Publication Language: English

Filing Language: English

Fulltext Word Count: 7752

Main International Patent Class: G11B-033/14

Fulltext Availability:

Detailed Description

Claims

English Abstract

...internal enclosed environment containing a gas other than air. The
package also includes a sealed **storage container** containing the **disc**
drive and defining an external enclosed environment that also contains
the gas other than air.

Detailed Description

... internal enclosed environment containing a gas other than air. The
package also includes a sealed **storage container** containing the **disc**
drive and defining an external enclosed environment that also contains
the gas other than air to...internal enclosed environment (such as 105)
containing a gas other than air and a sealed **storage container** (such
as 502) containing the **disc drive** and defining an external enclosed
environinent (such as 508) that contains the gas other than...

Claim

... drive defining an internal enclosed environment containing a gas other
than air; and
a sealed **storage container** containing the **disc drive** and defining

16/3,K/14 (Item 2 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00739323 **Image available**

COMPUTER SYSTEM WITH DUMMY DRIVE FOR OPTIMAL COOLING EFFICIENCY
SYSTEME INFORMATIQUE A UNITE FACTICE POUR REFROIDISSEMENT OPTIMAL

Patent Applicant/Assignee:

SUN MICROSYSTEMS INC, 901 San Antonio Road, Palo Alto, CA 94303, US, US
(Residence), US (Nationality)

Inventor(s):

GROUELL William L, 103 Boxford Place, San Ramon, CA 94583, US

Legal Representative:

KIVLIN B Noel, Conley, Rose & Tayon, P.C., P.O. Box 398, Austin, TX
78767-0398, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200052695 A1 20000908 (WO 0052695)

Application: WO 2000US5304 20000229 (PCT/WO US0005304)

Priority Application: US 99260387 19990301

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB
GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA
MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA
UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 4022

Main International Patent Class: G11B-033/14

Fulltext Availability:

Detailed Description

Detailed Description

... system includes multiple electronic components, including a central processing unit or "processor", positioned within an enclosure and data storage components such as disk drives. Certain 15 systems include external or internal data storage subsystems that are variously configured...

16/3,K/15 (Item 3 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00551373 **Image available**

REFRIGERATION COOLED DISK STORAGE ASSEMBLY
ENSEMBLE MEMOIRE A DISQUES REFROIDI PAR REFRIGERATION

Patent Applicant/Assignee:

SUN MICROSYSTEMS INC,

Inventor(s):

HILEMAN Vincent P,

HARPELL Gary A,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200014746 A1 20000316 (WO 0014746)

Application: WO 99US20224 19990903 (PCT/WO US9920224)
Priority Application: US 98150279 19980909
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
JP AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
Publication Language: English
Fulltext Word Count: 4736

Main International Patent Class: G11B-033/14
Fulltext Availability:
Detailed Description

Detailed Description

... disk drives and head disk assemblies. Fig. 1 shows a top interior view of a **disk drive storage enclosure 10** using a forced air system. The **disk drive storage enclosure 10** has a capacity for twelve 1 inch disk drives in the front section...

...at a predetermined interval from the adjacent disk drive. In the front of the **disk drive storage enclosure 10**, ventilation openings are provided on a front door (not shown.) In the rear of...

...disk drives 12 between the front section 14 and a rear section 20 of the **disk drive storage enclosure 10**, a center plane 18 is provided. Multiple elongated slit-like openings (not shown) are...

...18 for air flow between the front section 14 and the rear section 20.

The **disk drive storage enclosure 10** houses four centrifugal air blowers 22, 24, 26, 28 against right and left side...

...supplies 34, 36 are provided side by side in the rear section 20 of the **disk drive storage enclosure 10**. The power supplies 34, 36 are shaped like rectangular boxes that extend from the center plane 18 to the rear of the **disk drive storage enclosure 10**. The power supplies 34, 36 occupy roughly half of the internal height of the storage enclosure 10 as shown in Fig. 2.

Air flow through the **disk drive storage enclosure 10** is described below. The four centrifugal air blowers 22, 24, 26, 28; when in operation, create a negative pressure inside the **disk drive storage enclosure 10**. The negative pressure causes outside air to be drawn into the enclosure 10 through...

...the head disk assemblies of the disk drives.

In the rear section 20 of the **disk drive storage enclosure 10**, there are two types of air flows: a top air flow indicated by top...finally exhausted into ambient air through the exhaust opening 56 in the rear of the **disk drive storage enclosure 10**. The other top right air flow passage 63 permits a smaller air flow than...

...flow passage 60 further extends through the ventilation opening 54 in the back of the **disk drive storage enclosure 10**. The other top

left air flow passage 61 enters the air blower 24 directly...

...60.

The particular placement of the centrifugal air blowers 22, 24, 26, 28 in the **disk drive storage enclosure** 10 provides a packaging improvement over a conventional tube axial fans because the direction of...

16/3,X/16 (Item 4 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00447083 **Image available**

MEDIA LIBRARY HAVING VECTORED DRIVE ADDRESSING

BIBLIOTHEQUE DE SUPPORTS DOTEE D'UN ADRESSAGE D'UNITES VECTORIEL

Patent Applicant/Assignee:

QUANTUM CORPORATION,

Inventor(s):

SALIBA George A,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9837547 A2 19980827

Application: WO 98US3570 19980224 (PCT/WO US9803570)

Priority Application: US 97804766 19970224

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AU CA CN JP KR SG AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE

Publication Language: English

Fulltext Word Count: 8390

Main International Patent Class: **G11B-017/22**

International Patent Class: **G11B-15:68**

Fulltext Availability:

Detailed Description

Detailed Description

... and issues appropriate commands to the mechanism to move the requested disk to an optical **disk drive** also present within the particular **storage box**.

A discrete switching structure comprising separate switches is used to route information between the library...

18/3,K/1 (Item 1 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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01287398

LONGITUDINAL MAGNETIC RECORDING HEADS WITH VARIABLE-LENGTH GAPS
MAGNETKOPFE MIT LANGENVERANDERLICHER SPALTE FUR LONGITUDINALE AUFZEICHNUNG
TETES D'ENREGISTREMENT MAGNETIQUE LONGITUDINALES A ECARTEMENTS DE LONGUEUR
VARIABLE

PATENT ASSIGNEE:

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95066, (US), (Proprietor designated states: all)

INVENTOR:

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KRYDER, Mark Howard, 1104 Grandview Ave., App. # 3, Pittsburg, PA 15211,
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BAIN, James, A., 1118 Lancaster Avenue, Pittsburgh, PA 15218, (US)

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PATENT (CC, No, Kind, Date): EP 1221163 A1 020710 (Basic)
EP 1221163 B1 031203
WO 2001026097 010412

APPLICATION (CC, No, Date): EP 2000968664 001004; WO 2000US27356 001004

PRIORITY (CC, No, Date): US 157883 P 991005

DESIGNATED STATES (Pub A): AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE;
IT; LI; LU; MC; NL; PT; SE; (Pub B): DE; GB

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G11B-005/23

ABSTRACT WORD COUNT: 4299

NOTE:

No A-document published by EPO

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200349	264
CLAIMS B	(German)	200349	272
CLAIMS B	(French)	200349	292
SPEC B	(English)	200349	3787
Total word count - document A			0
Total word count - document B			4615
Total word count - documents A + B			4615

...SPECIFICATION invention is described in relation to presently known longitudinal recording heads used with a hard **disk drive** 10 for computers, **one** of which is **illustrated** in Fig. 1 . **As** used herein, " **recording head** " means a head adapted for read and/or write operations. The hard **disk drive** 10 includes a housing 12 (with **the** upper portion removed and the lower portion visible in this view for maximum clarity) dimensioned and configured to contain and locate the various components of the **disk drive** 10. The **disk drive** 10 includes a spindle motor 14 for rotating at least one magnetic storage medium 16...

18/3,K/2 (Item 2 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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00961513

Optical disk discriminating method

Verfahren zum Unterscheiden von optischen Platten

Methode de discrimination de disque optique

PATENT ASSIGNEE:

ALPS ELECTRIC CO., LTD., (668030), 1-7 Yukigaya Otsuka-cho, Ota-ku Tokyo
145, (JP), (Proprietor designated states: all)

INVENTOR:

Abe, Kenji, 4-1-201, Minaminometate, Miyagino-ku, Sendai-shi, Miyagi-ken,
(JP)

Yamashita, Tatsumaro, 4-3-39, Nishifunahazama, Shibata-cho, Shibata-gun,
Miyagi-ken, (JP)

Asano, Isao, 10-11, Aza Ushiroguchi, Iida, Kashima-cho, Iwaki-shi,
Fukushima-ken, (JP)

Saito, Shoichiro, 1-4-45, Suwa, Furukawa-shi, Miyagi-ken, (JP)

LEGAL REPRESENTATIVE:

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PATENT (CC, No, Kind, Date): EP 872836 A1 981021 (Basic)

EP 872836 B1 041201

APPLICATION (CC, No, Date): EP 98302431 980330;

PRIORITY (CC, No, Date): JP 97100235 970417; JP 97100252 970417; JP
97141724 970530

DESIGNATED STATES: DE; FR; GB; NL

INTERNATIONAL PATENT CLASS: G11B-019/12; G11B-017/22; G11B-027/00

ABSTRACT WORD COUNT: 157

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	199843	717
CLAIMS B	(English)	200449	147
CLAIMS B	(German)	200449	164
CLAIMS B	(French)	200449	173
SPEC A	(English)	199843	7343
SPEC B	(English)	200449	5342
Total word count - document A			8061
Total word count - document B			5826
Total word count - documents A + B			13887

...SPECIFICATION storage section.

In the present invention described above, when the magazine is loaded
in the **disk** device, and **magazine drive** software is started by an
Icon on the screen of, e.g., a computer, the...

...magazine is read from a storage element arranged in the magazine or the
ID mark **attached** to the magazine. The identification information of the
disks in the magazine is stored in...

18/3,K/3 (Item 3 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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00945618

Fibre channel attached storage architecture

Fibre-Channel-verbundene Datenspeicherarchitektur

Architecture de stockage de donnees a connexion Fibre-Channel

PATENT ASSIGNEE:

Compaq Computer Corporation, (687792), 20555 S.H. 249, Houston Texas
77070, (US), (Applicant designated States: all)

INVENTOR:

Skidmore, Alan E., 12315 Oak Park Drive, Houston, Texas 77070, (US)
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Thompson, Mark J., 8206 Pine Thistle Lane, Spring, Texas 77379, (US)
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Callison, Ryan A., 17519 Pinewood Forest, Spring, Texas 77379, (US)
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McCarty, James F., 9327 Wandsworth Drive, Spring, Texas 77379, (US)
Schneider, Randy D., 9214 Towerstone Drive, Spring, Texas 77379, (US)
Galloway, William C., 14902 Mesita Drive, Houston, Texas 77083, (US)

LEGAL REPRESENTATIVE:

Brunner, Michael John (28871), GILL JENNINGS & EVERY Broadgate House 7
Eldon Street, London EC2M 7LH, (GB)

PATENT (CC, No, Kind, Date): EP 858036 A2 980812 (Basic)
EP 858036 A3 991222

APPLICATION (CC, No, Date): EP 98300808 980204;

PRIORITY (CC, No, Date): US 797129 970210; US 798962 970211; US 805281
970225

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU;
MC; NL; PT; SE

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G06F-013/42; G06F-003/06; H04L-029/06;
G06F-013/12

ABSTRACT WORD COUNT: 91

NOTE:

Figure number on first page: 2

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9833	353
SPEC A	(English)	9833	3495
Total word count - document A			3848
Total word count - document B			0
Total word count - documents A + B			3848

...SPECIFICATION fibre loop are a plurality of storage boxes/storage
devices 70. Each storage device is **attached** to the fibre loop 68 via a
media module 66. The media module is connected to an array controller 72.
The array controller 72 is designed to control the various **disk drives**
74 located in the **storage boxes** 70. This configuration provides more
storage capacity accessible to a server 62 when compared to the prior art
SCSI based systems or other prior art systems.

The **storage box** 70 preferably has eight **disk drives** 74 within
it. Each drive can have a storage capacity of 9 gigabytes. Thus, each...

...per storage box or 432 gigabytes of storage capacity available to each
of the servers **attached** to the Fibre Channel **attached** storage
architecture. The storage **boxes** of the exemplary embodiment incorporate
SCSI hard **disk drives**. It is understood that a **storage box** 70 can

be configured a variety of ways, that is, a storage box can have...

18/3,K/4 (Item 4 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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00923080

Apparatus for conveying a loading/unloading device for data storage media
Gerat zum Fordern einer Lade-/Entladevorrichtung fur Datenspeichermedien
Appareil de transport d'un dispositif de chargement/dechargement pour
supports de stockage de donnees

PATENT ASSIGNEE:

EASTMAN KODAK COMPANY, (201212), 343 State Street, Rochester, New York
14650, (US), (applicant designated states: DE;FR;GB)

INVENTOR:

Hirsch, Alexander, c/o Kodak Aktiengesellschaft, Patentabteilung, 70323
Stuttgart, (DE)

LEGAL REPRESENTATIVE:

Patentanwalte Westphal, Mussnug & Partner (100417), Waldstrasse 33,
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PATENT (CC, No, Kind, Date): EP 841660 A2 980513 (Basic)
EP 841660 A3 980520

APPLICATION (CC, No, Date): EP 97119219 971104;

PRIORITY (CC, No, Date): DE 19645917 961107

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: G11B-017/22

ABSTRACT WORD COUNT: 139

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9820	626
SPEC A	(English)	9820	2716
Total word count - document A			3342
Total word count - document B			0
Total word count - documents A + B			3342

...SPECIFICATION unit, has a drive shaft 23 positioned vertically in the holder 12, that shaft having **attached** to it a concentric conveyor sprocket 20 for moving the disc tray 30 holding the compact disc 5 in and out of the **disc** slots of the **magazine** 3 or the loading/unloading drawer or the recording/playback **disc drive** , said **disc** tray 30 being drawn out of the retaining fixture 3 only far enough to enable...

18/3,K/5 (Item 5 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2005 European Patent Office. All rts. reserv.

00921503

Apparatus and method for predictive coding and decoding
Vorrichtung und Verfahren zur Pradiktionskodierung und -dekodierung
Appareil et procede pour le codage et le decodage predictifs

PATENT ASSIGNEE:

VICTOR COMPANY OF JAPAN, LTD., (278642), 12, Moriya-Cho 3-Chome,
Kanagawa-Ku, Yokohama-Shi, Kanagawa-Ken, (JP), (Applicant designated
States: all)

INVENTOR:

Sugiyama, Kenji, 4-20-10, Negishi-Cho, Yokosuka-Shi, Kanagawa-ken, (JP)

LEGAL REPRESENTATIVE:

Crawford, Andrew Birkby et al (29761), A.A. Thornton & Co. 235 High
Holborn, London WC1V 7LE, (GB)

PATENT (CC, No, Kind, Date): EP 840516 A2 980506 (Basic)
EP 840516 A3 001025

APPLICATION (CC, No, Date): EP 97308449 971023;

PRIORITY (CC, No, Date): JP 96307408 961031

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: H04N-007/32; H04N-007/34

ABSTRACT WORD COUNT: 184

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9819	828
SPEC A	(English)	9819	4143
Total word count - document A			4971
Total word count - document B			0
Total word count - documents A + B			4971

...SPECIFICATION the decoding apparatus described above as with reference
to Figs. 1 and 2 can be **integrated** .

Further, the apparatus can be constructed compactly for portable use
with a **disc player** , for instance. In this **case** , image signals
stored on a **disk** -like **storage** medium can be decoded and reproduced
promptly anywhere.

Next, FIG. 5 shows a block diagram...the decoding apparatus described
above with reference to Figs. 5 and 7 can also be **integrated** .

Further, the apparatus can be constructed compactly for portable use
with a **disc player** , for instance. In this **case** , image signals
stored on a **disk** -like **storage** medium can be decoded promptly
anywhere.

As described above, in the present invention, a block...

18/3,K/6 (Item 6 from file: 348)

DIALOG(R) File 348:EUROPEAN PATENTS

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00824453

Magnetic disk drive

Magnetplattenantrieb

Entrainement de disque magnetique

PATENT ASSIGNEE:

FUJITSU LIMITED, (211463), 1-1, Kamikodanaka 4-chome, Nakahara-ku,
Kawasaki-shi, Kanagawa 211-8588, (JP), (Proprietor designated states:
all)

INVENTOR:

Yagi, Norio, c/o Fujitsu Limited, 1-1, Kamikodanaka 4-chome, Nakahara-ku,
Kawasaki-shi, Kanagawa 211, (JP)

Nishimura, Kaho, c/o Fujitsu Limited, 1-1, Kamikodanaka 4-chome,
Nakahara-ku, Kawasaki-shi, Kanagawa 211, (JP)

Arikawa, Yoshihiro, Yamagata Fujitsu Ltd., 5400-2, Ko, Oaza Higashine,
Higashine-shi, Yamagata 999-37, (JP)

LEGAL REPRESENTATIVE:

Gibbs, Christopher Stephen et al (69691), Haseltine Lake & Co. Imperial
House 15-19 Kingsway, London WC2B 6UD, (GB)

PATENT (CC, No, Kind, Date): EP 766233 A2 970402 (Basic)

EP 766233 A3 980107
EP 766233 B1 020306
APPLICATION (CC, No, Date): EP 96119067 920610;
PRIORITY (CC, No, Date): JP 91137884 910610; JP 91138840 910611
DESIGNATED STATES: DE; FR; GB
RELATED PARENT NUMBER(S) - PN (AN):
EP 518632 (EP 92305310)
INTERNATIONAL PATENT CLASS: G11B-005/48
ABSTRACT WORD COUNT: 54
NOTE:

Figure number on first page: 36

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPAB97	445
CLAIMS B	(English)	200210	528
CLAIMS B	(German)	200210	480
CLAIMS B	(French)	200210	610
SPEC A	(English)	EPAB97	2683
SPEC B	(English)	200210	2815
Total word count - document A			3129
Total word count - document B			4433
Total word count - documents A + B			7562

...SPECIFICATION a printed circuit board contained in the disk enclosure.
Consequently the height of the magnetic **disk drive** can be less than 10.5 mm.

Further preferably, the flexible **unitary** magnetic head described in the parent application can be used as the above magnetic head. In this **case**, the **storage** capacity of the **disk drive** can become greater than 120 MByte.

For a better understanding of the invention, and to...

18/3,K/7 (Item 7 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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00675672

Disk player with secure magazine
Plattenspieler mit Sicherheitsmagazin
Lecteur de disques a magasin de securite

PATENT ASSIGNEE:

Nakamichi Corporation, (970511), No. 1-153, Suzuki-cho, Kodaira-shi,
Tokyo 187-8501, (JP), (Proprietor designated states: all)

INVENTOR:

Nakamichi, Niro, 22 Avenida de Cameria, Rancho Palos Verdes, CA 90274,
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LEGAL REPRESENTATIVE:

Rauh, Helga (156152), Wielandstrasse 4, 90419 Nurnberg, (DE)

PATENT (CC, No, Kind, Date): EP 647940 A1 950412 (Basic)
EP 647940 B1 000105

APPLICATION (CC, No, Date): EP 94115654 941005;

PRIORITY (CC, No, Date): JP 93273102 931005

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: G11B-017/22

ABSTRACT WORD COUNT: 227

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200001	368
CLAIMS B	(German)	200001	406
CLAIMS B	(French)	200001	431
SPEC B	(English)	200001	7900
Total word count - document A			0
Total word count - document B			9105
Total word count - documents A + B			9105

18/3,K/8 (Item 8 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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00629897

Disc playing apparatus with auto-changer mechanism

Plattenspieler mit automatischem Wechsler

Lecteur de disques avec changeur automatique

PATENT ASSIGNEE:

KABUSHIKI KAISHA TOSHIBA, (213130), 72, Horikawa-cho, Saiwai-ku,
Kawasaki-shi, Kanagawa-ken 210-8572, (JP), (Proprietor designated
states: all)

INVENTOR:

Echigo, Toshiyuki, c/o Intellectual Property Div., Toshiba Corporation,
1-1-1, Shibaura, Minato-ku, Tokyo, (JP)

LEGAL REPRESENTATIVE:

BATCHELLOR, KIRK & CO. (100991), 2 Pear Tree Court Farringdon Road,
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PATENT (CC, No, Kind, Date): EP 613143 A2 940831 (Basic)
EP 613143 A3 950719
EP 613143 B1 000126

APPLICATION (CC, No, Date): EP 94301269 940223;

PRIORITY (CC, No, Date): JP 9335598 930224

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: G11B-027/00; G11B-017/22; G11B-017/30

ABSTRACT WORD COUNT: 105

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200004	740
CLAIMS B	(German)	200004	689
CLAIMS B	(French)	200004	786
SPEC B	(English)	200004	2952
Total word count - document A			0
Total word count - document B			5167
Total word count - documents A + B			5167

...CLAIMS according to any preceding claim, wherein said reference position is a position adjacent to said **player** device.

5. A **disc** playing apparatus according to any preceding claim, wherein said player device is **integral** with said changer device, and said reference position is a position adjacent to the center of said **disc magazine**.

6. A method of operating a disc playing apparatus having a disc magazine for storing...

18/3,K/9 (Item 9 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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00591180

Tray loading device of a CD player.

Kassettenladevorrichtung fur CD-Plattenspieler.

Dispositif de chargement de cassette d'un lecteur de CD.

PATENT ASSIGNEE:

PIONEER ELECTRONIC CORPORATION, (537924), 4-1, Meguro 1-chome, Meguro-ku
Tokyo, (JP), (applicant designated states: DE;FR;GB)

INVENTOR:

Morikawa, Kiyoshi, c/o Kawagoe Koujou, Pioneer Electronic Corp., 25-1 Aza
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Kurosawa, Atsushi, c/o Kawagoe Koujou, Pioneer Electronic Corp., 25-1 Aza
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Kiyota, Manabu, c/o Kawagoe Koujou, Pioneer Electronic Corp., 25-1 Aza
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LEGAL REPRESENTATIVE:

Popp, Eugen, Dr. et al (38667), MEISSNER, BOLTE & PARTNER Postfach 86 06
24, D-81633 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 587124 A2 940316 (Basic)
EP 587124 A3 941130

APPLICATION (CC, No, Date): EP 93114352 930907;

PRIORITY (CC, No, Date): JP 92269529 920911

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: G11B-017/22;

ABSTRACT WORD COUNT: 152

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF2	197
SPEC A	(English)	EPABF2	2079
Total word count - document A			2276
Total word count - document B			0
Total word count - documents A + B			2276

...SPECIFICATION CD.

According to the present invention, there is provided a tray loading device of a **CD player** having a **magazine** storing a plurality of trays each of which holds a CD, the loading device comprising a fixed gear, a first gear coaxial with the fixed gear, a first arm **integral** with the first gear, a second gear rotatably mounted on the first arm and engaged...

...CLAIMS A3

1. A tray loading device of a **CD player** having a **magazine** storing a plurality of trays (90) each of which holds a CD, the loading device...

...106);

a first gear (105) coaxial with said fixed gear (106);
a first arm (104) **integral** with said first gear (105);
a second gear (107) rotatably mounted on said first arm...

18/3,K/10 (Item 10 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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00577287

DATA RECORDING MEDIUM, ITS PRODUCTION, AND DATA RECORDING/REPRODUCTION APPARATUS.

DATENAUFZEICHNUNGSTRAGER, SEINE HERSTELLUNG UND DATENAUFZEICHNUNGS/-WIEDERGABEGERAT.

SUPPORT D'ENREGISTREMENT DE DONNEES, SA PRODUCTION ET APPAREIL D'ENREGISTREMENT/REPRODUCTION DE DONNEES.

PATENT ASSIGNEE:

SEIKO EPSON CORPORATION, (730001), 4-1, Nishishinjuku 2-chome,
Shinjuku-ku Tokyo 160, (JP), (applicant designated states: DE;FR;GB;NL)

INVENTOR:

FUJIMORI, Minoru, 3-5, Owa 3-chome Suwa-shi, Nagano 392, (JP)
FUJIWARA, Yasuhide, 3-5, Owa 3-chome Suwa-shi, Nagano 392, (JP)
NEBASHI, Satoshi, 3-5, Owa 3-chome Suwa-shi, Nagano 392, (JP)
TSUJI, Masuo, 3-5, Owa 3-chome Suwa-shi, Nagano 392, (JP)
NOMURA, Hiroaki, 3-5, Owa 3-chome Suwa-shi, Nagano 392, (JP)
KAMIJO, Noriyuki, 3-5, Owa 3-chome Suwa-shi, Nagano 392, (JP)
SHIMODA, Tatsuya, 3-5, Owa 3-chome Suwa-shi, Nagano 392, (JP)

LEGAL REPRESENTATIVE:

Hoffmann, Eckart, Dipl.-Ing. (5571), Patentanwalt Bahnhofstrasse 103,
D-82166 Grafelfing, (DE)

PATENT (CC, No, Kind, Date): EP 561000 A1 930922 (Basic)
EP 561000 A1 950222
WO 9307617 930415

APPLICATION (CC, No, Date): EP 93906341 921009; WO 92JP1312 921009

PRIORITY (CC, No, Date): JP 91262030 911009; JP 91262031 911009; JP
91262032 911009

DESIGNATED STATES: DE; FR; GB; NL

INTERNATIONAL PATENT CLASS: G11B-013/04; G11B-023/30;

ABSTRACT WORD COUNT: 271

LANGUAGE (Publication,Procedural,Application): English; English; Japanese
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF1	1390
SPEC A	(English)	EPABF1	18858
Total word count - document A			20248
Total word count - document B			0
Total word count - documents A + B			20248

...SPECIFICATION received in the second case 54 which is movably or detachably mounted to the first case 51d. The magnetic storage disk 55 functions similarly to an ordinary floppy disk. The second case 54 is detachably attached to the shutter 53 which is mounted on the side of the first case 51d.

The disk drive 60 for use with the disk cartridge 50 having the fundamental structure described above has...

18/3,K/11 (Item 11 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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00540959

Magnetic disk drive

Magnetischer Plattenspeicher
Dispositif de disque magnetique

PATENT ASSIGNEE:

FUJITSU LIMITED, (211460), 1015, Kamikodanaka, Nakahara-ku, Kawasaki-shi,
Kanagawa 211, (JP), (applicant designated states: DE;FR;GB)

INVENTOR:

Yagi, Norio, c/o Fujitsu Limited, 1015, Kamikodanaka, Nakahara-ku,
Kawasaki-shi, Kanagawa, 211, (JP)
Nishimura, Kaho, c/o Fujitsu Limited, 1015, Kamikodanaka, Nakahara-ku,
Kawasaki-shi, Kanagawa, 211, (JP)
Arikawa, Yoshihiro, c/o Yamagata Fujitsu Ltd, 5400-2, Ko, Oaza Higashine,
Higashine-shi, Yamagata 999-37, (JP)

LEGAL REPRESENTATIVE:

Godsill, John Kenneth et al (31031), Haseltine Lake & Co., Imperial
House, 15-19 Kingsway, London WC2B 6UD, (GB)

PATENT (CC, No, Kind, Date): EP 518632 A2 921216 (Basic)
EP 518632 A3 930113
EP 518632 B1 971126

APPLICATION (CC, No, Date): EP 92305310 920610;

PRIORITY (CC, No, Date): JP 91137884 910610; JP 91138840 910611

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: G11B-005/48;

ABSTRACT WORD COUNT: 190

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	9711W3	1855
CLAIMS B	(German)	9711W3	1567
CLAIMS B	(French)	9711W3	1980
SPEC B	(English)	9711W3	8245
Total word count - document A			0
Total word count - document B			13647
Total word count - documents A + B			13647

...SPECIFICATION board to be contained in the disk enclosure, and
consequently the height of the magnetic **disk drive** is less than 10.5
mm.

Further preferably, the flexible **unitary** magnetic head described
before is used as the above magnetic head. In this **case**, the **storage**
capacity of the **disk drive** can become greater than 120 MByte.

For a better understanding of the invention, and to...

18/3,K/12 (Item 12 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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00532226

Disk player

Plattenspieler

Lecteur de disques

PATENT ASSIGNEE:

SANYO ELECTRIC CO., LTD., (238920), 18, Keiinhondori 2-chome,
Moriguchi-shi, Osaka, (JP), (applicant designated states:
CH;DE;FR;GB;IT;LI)

Tottori Sanyo Electric Co., Ltd., (238932), 201 Minamiyoshikata 3-chome,
Tottori-shi Tottori-ken, (JP), (applicant designated states:
CH;DE;FR;GB;IT;LI)

INVENTOR:

Tamiya, Tadanori, 110-2 Fuse, Tottori-Shi, Tottori-ken, (JP)
Oota, Takumi, 220 Koyama-cho Kita 3-chome, Tottori-Shi, Tottori-ken,
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Kawaguchi, Takeji, 759-19, Takiyama, Tottori-shi, Tottori-ken, (JP)
Kishimoto, Yasuhiro, 187-5, Daikakuji, Tottori-shi, Tottori-ken, (JP)

LEGAL REPRESENTATIVE:

Glawe, Delfs, Moll & Partner (100692), Patentanwalte Postfach 26 01 62,
80058 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 575665 A2 931229 (Basic)
EP 575665 A3 940309
EP 575665 B1 981111

APPLICATION (CC, No, Date): EP 92121961 921223;

PRIORITY (CC, No, Date): JP 92193077 920625; JP 9263189 920909

DESIGNATED STATES: CH; DE; FR; GB; IT; LI

INTERNATIONAL PATENT CLASS: G11B-017/22;

ABSTRACT WORD COUNT: 197

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	9846	650
CLAIMS B	(German)	9846	573
CLAIMS B	(French)	9846	716
SPEC B	(English)	9846	5984
Total word count - document A			0
Total word count - document B			7923
Total word count - documents A + B			7923

...SPECIFICATION the disk mounting plate is further enlarged, which is still more disadvantageous in making the **disk player** small, compact and lightweight.

A further **disk player** is disclosed in WO 88/03694. This document shows a **magazine** for a **disk player** from which the **disk** to be played is pulled out only so far as to allow the **disk drive** to engage in the bore of the disk, a portion of the disk to be played still overlaps with the disk remaining in the magazine.

The **disk** in this **magazine** are supported in compartments which are **integral** with the magazine and which remain in the magazine although the corresponding disk is played...

18/3,K/13 (Item 13 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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00430324

Magazine loading disk player.

Magazin-Lade-Plattenspieler.

Lecteur de disque a chargement par magasin.

PATENT ASSIGNEE:

PIONEER ELECTRONIC CORPORATION, (537920), No. 4-1, Meguro 1-chome,
Meguro-ku Tokyo 153, (JP), (applicant designated states: DE;FR;GB)

INVENTOR:

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Takagi, Keiichi, c/o Pioneer Electronic Corp., Tokorozawa Works, No.
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LEGAL REPRESENTATIVE:

Jackson, Peter Arthur et al (32251), Gill Jennings & Every, 53-64
Chancery Lane, London WC2A 1HN, (GB)

PATENT (CC, No, Kind, Date): EP 418996 A2 910327 (Basic)
EP 418996 A3 920115
APPLICATION (CC, No, Date): EP 90303575 900403;
PRIORITY (CC, No, Date): JP 89234946 890911
DESIGNATED STATES: DE; FR; GB
INTERNATIONAL PATENT CLASS: G11B-017/22;
ABSTRACT WORD COUNT: 223

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF1	504
SPEC A	(English)	EPABF1	4454
Total word count - document A			4958
Total word count - document B			0
Total word count - documents A + B			4958

...CLAIMS driving means for moving said tray pressing member relative to said supporting member.

3. A **magazine** loading **disk** **player** according to claim 1, in which said link driving means further includes: a small-diameter...

...power shaft of said motor; a large-diameter toothed belt wheel having a gear formed **integrally** and concentrically therewith; a toothed belt entrained between said small and large diameter belt wheels...

...double gear, and having a small gear portion which forms said rotary gear.

4. A **magazine** loading **disk** **player** according to claim 3, in which said large-diameter toothed belt wheel has a ratchet formed **integrally** and concentrically on a side opposite said gear; and wherein said **disk** **player** further comprises a pivotable select lever having a pawl at one end portion thereof, said...

18/3,K/14 (Item 14 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2005 European Patent Office. All rts. reserv.

00327227

Dual drive changer for records.

Plattenwechsler mit Doppelantrieb.

Changeur de disques a deux dispositifs d'entrainement.

PATENT ASSIGNEE:

STAAR SOCIETE ANONYME, (711590), Chaussee de Roodebeek, 137-143, B-1200
Bruxelles, (BE), (applicant designated states: DE;ES;FR;GB;IT;NL)

INVENTOR:

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, (BE)

LEGAL REPRESENTATIVE:

Overath, Philippe et al (751), Cabinet Bede, Place de l'Alma, 3, B-1200
Bruxelles, (BE)

PATENT (CC, No, Kind, Date): EP 324329 A2 890719 (Basic)
EP 324329 A3 891220
EP 324329 B1 930811

APPLICATION (CC, No, Date): EP 88870193 881221;

PRIORITY (CC, No, Date): BE 8800040 880113

DESIGNATED STATES: DE; ES; FR; GB; IT; NL

INTERNATIONAL PATENT CLASS: G11B-017/22;

ABSTRACT WORD COUNT: 133

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	568
CLAIMS B	(German)	EPBBF1	591
CLAIMS B	(French)	EPBBF1	552
SPEC B	(English)	EPBBF1	4066
Total word count - document A			0
Total word count - document B			5777
Total word count - documents A + B			5777

...SPECIFICATION in its storage position in contact with the frame 2. The lever 9 is pivotally **attached** to a pin 10 opposite the hook-like end of **the** lever. The **pin** 10 is mounted proximate the central opening 4 of the **magazine** 3. The lever 9 rotates about the pin 10 when it transfers a disc out of...

18/3,K/15 (Item 15 from file: 348)
DIALOG(R) File 348:EUROPEAN PATENTS
(c) 2005 European Patent Office. All rts. reserv.

00314144

Vibration-resistant multiple-disc player.

Stossfester Multiplattenspieler.

Lecteur a disques multiples resistant aux vibrations.

PATENT ASSIGNEE:

PIONEER ELECTRONIC CORPORATION, (537920), No. 4-1, Meguro 1-chome,
Meguro-ku Tokyo 153, (JP), (applicant designated states: DE;FR;GB)

INVENTOR:

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Matsuki, Seiichiro c/o Pioneer Kawagoe Works, No. 25-1, Aza Nishi-machi
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Kamimura, Tetsuro c/o Pioneer Kawagoe Works, No. 25-1, Aza Nishi-machi
Ohaza Yamada, Kawagoe-shi Saitama, (JP)

LEGAL REPRESENTATIVE:

Sturt, Clifford Mark et al (50501), MARKS & CLERK 57-60 Lincoln's Inn
Fields, London WC2A 3LS, (GB)

PATENT (CC, No, Kind, Date): EP 305035 A2 890301 (Basic)
EP 305035 A3 901212
EP 305035 B1 930915

APPLICATION (CC, No, Date): EP 88306172 880706;

PRIORITY (CC, No, Date): JP 87208763 870822; JP 87208766 870822

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: G11B-017/22; G11B-033/08; G11B-017/26;

ABSTRACT WORD COUNT: 150

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	660
CLAIMS B	(German)	EPBBF1	493
CLAIMS B	(French)	EPBBF1	690
SPEC B	(English)	EPBBF1	9279
Total word count - document A			0
Total word count - document B			11122
Total word count - documents A + B			11122

...SPECIFICATION and associated small components jointly constitute a disc pickup/transfer mechanism for successively selecting desired **discs** from the **magazine** 105 and transferring **one disc** , at at time, onto the disc carrying surface of the turntable 10 .

The vibration **absorbing** effect of the air dampers 120, 121 disposed between the **player** housing 102 and the chassis 116 as shown in FIGS. 4, 5, 7, 12, and...

18/3,K/16 (Item 16 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2005 European Patent Office. All rts. reserv.

00299601

Data storage apparatus.

Datenspeichergerat.

Appareil de stockage de donnees.

PATENT ASSIGNEE:

POLAROID CORPORATION, (200010), 549 Technology Square, Cambridge,
Massachusetts 02139, (US), (applicant designated states:
AT;BE;CH;DE;ES;FR;GB;GR;IT;LI;LU;NL;SE)

INVENTOR:

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Clark, Peter P., 137 Willow Street, Acton, Mass., (US)
Cocco, Vincent L., 2 Jennifer Road, Wakefield, Mass., (US)

LEGAL REPRESENTATIVE:

Koch, Gunther, Dipl.-Ing. et al (6712), Patentanwalte Wallach, Koch, Dr.
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PATENT (CC, No, Kind, Date): EP 311859 A2 890419 (Basic)
EP 311859 A3 901227
EP 311859 B1 940420

APPLICATION (CC, No, Date): EP 88116221 880930;

PRIORITY (CC, No, Date): US 109289 871015

DESIGNATED STATES: AT; BE; CH; DE; ES; FR; GB; GR; IT; LI; LU; NL; SE

INTERNATIONAL PATENT CLASS: G11B-021/08; G11B-005/596;

ABSTRACT WORD COUNT: 164

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	1316
CLAIMS B	(German)	EPBBF1	1186
CLAIMS B	(French)	EPBBF1	1591
SPEC B	(English)	EPBBF1	8240
Total word count - document A			0
Total word count - document B			12333
Total word count - documents A + B			12333

...SPECIFICATION read and/or write transducer, light source and detector and adapted for use to provide **tracking** control on a respective one of the two opposite sides of the disk or other storage medium. This arrangement substantially relaxes head alignment tolerances especially in the **case** of a flexible **disk drive wherein** the spaced **relation** between the transducer and its corresponding detector is fixed by this **integrated** head construction.

Additionally, **another feature** of the invention is that each of two

separate detectors includes a photosensitive sensor which is designed to serve as the reference grating in its optical system to avoid the need ...

18/3,K/17 (Item 17 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2005 European Patent Office. All rts. reserv.

00271603

Disk player with disk magazine
Plattenwiedergabegerat mit Plattenmagazin
Lecteur de disques avec magasin de disques

PATENT ASSIGNEE:

PIONEER ELECTRONIC CORPORATION, (537920), No. 4-1, Meguro 1-chome,
Meguro-ku Tokyo 153, (JP), (applicant designated states: DE;FR;GB)

INVENTOR:

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Hanazono 4-chome Tokorozawa-shi Saitama, (JP)
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Izumo, Takeshi, Pioneer electronic Corp., Tokorozawa Works No.2610,
Hanazono 4-chome Tokorozawa-shi Saitama, (JP)

LEGAL REPRESENTATIVE:

Flint, Adam et al (73461), Gill Jennings & Every Broadgate House 7 Eldon
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PATENT (CC, No, Kind, Date): EP 265167 A2 880427 (Basic)
EP 265167 A3 890823
EP 265167 B1 970102

APPLICATION (CC, No, Date): EP 87309082 871014;

PRIORITY (CC, No, Date): JP 86244965 861015; JP 86258031 861028; JP
86274986 861118; JP 86274987 861118; JP 86274988 861118; JP 86311260
861226; JP 86311261 861226

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: G11B-027/00; G11B-017/22; G11B-023/30;
G11B-027/34;

ABSTRACT WORD COUNT: 72

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF1	718
CLAIMS B	(English)	EPAB97	196
CLAIMS B	(German)	EPAB97	182
CLAIMS B	(French)	EPAB97	249
SPEC A	(English)	EPABF1	9884
SPEC B	(English)	EPAB97	9726
Total word count - document A			10603
Total word count - document B			10353
Total word count - documents A + B			20956

...SPECIFICATION DESCRIPTION OF THE PREFERRED EMBODIMENTS

A first embodiment of the present invention, which is a **magazine**
-housed **disk player**, is hereafter described with reference to the
drawings **attached** hereto.

A magazine 1 shown in Fig. 6 is provided with an identification mark as ...from disks. The entered tune content information is stored in the memory 410 of a **magazine -housed disk player** through a system controller 403.

A card reader 408a is provided to read tune content information from an IC (**integrated** circuit) card or a magnetic card in which the information is previously stored and which is offered separately from the **magazine -housed disk player** . The output from the card reader 408a is supplied to the system controller 403 through...

...cathode-ray tube 422 at the time of the loading of the magazine in the **magazine -housed disk player** , and the tune content information, such as the lyrics of the tune, is displayed on...

...cathode-ray tube at the time of the reproduction of the tune.

A bar code **attached** to a lyric card shown in Fig. 20A may be read as a reproduction command...display unit 512 for displaying the reproduction information and so forth.

The reproduction of the **disk** by the **magazine -housed disk player** is now described with reference to a flowchart shown in Fig. 25. When the electric...

...to the player and it is commanded through the remote-control keyboard 507 or the **built - in** keyboard 513 that the player should be put in action, it is judged from the...

...SPECIFICATION DESCRIPTION OF THE PREFERRED EMBODIMENTS

A first embodiment of the present invention, which is a **magazine -housed disk player** , is hereafter described with reference to the drawings **attached** hereto.

A magazine 1 shown in Fig. 6 is provided with an identification mark as ...from disks. The entered tune content information is stored in the memory 410 of a **magazine -housed disk player** through a system controller 403.

A card reader 408a is provided to read tune content information from an IC (**integrated** circuit) card or a magnetic card in which the information is previously stored and which is offered separately from the **magazine -housed disk player** . The output from the card reader 408a is supplied to the system controller 403 through...cathode-ray tube 422 at the time of the loading of the magazine in the **magazine -housed disk player** , and the tune content information, such as the lyrics of the tune, is displayed on...

...cathode-ray tube at the time of the reproduction of the tune.

A bar code **attached** to a lyric card shown in Fig. 20A may be read as a reproduction command...display unit 512 for displaying the reproduction information and so forth.

The reproduction of the **disk** by the **magazine -housed disk player** is now described with reference to a flowchart shown in Fig. 25. When the electric...

...to the player and it is commanded through the remote-control keyboard 507 or the **built - in** keyboard 513 that the player should be put in action, it is judged from the...

Disk player.
Plattenspieler.
Tourne-disques.

PATENT ASSIGNEE:

PIONEER ELECTRONIC CORPORATION, (537920), No. 4-1, Meguro 1-chome,
Meguro-ku Tokyo 153, (JP), (applicant designated states:
BE;DE;FR;GB;IT;NL)

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LEGAL REPRESENTATIVE:

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Maximilianstrasse 58, W-8000 Munchen 22, (DE)

PATENT (CC, No, Kind, Date): EP 240926 A2 871014 (Basic)
EP 240926 A3 890726
EP 240926 B1 930324

APPLICATION (CC, No, Date): EP 87104839 870401;

PRIORITY (CC, No, Date): JP 8675011 860401; JP 8675012 860401; JP 8675014
860401; JP 8675015 860401

DESIGNATED STATES: BE; DE; FR; GB; IT; NL

INTERNATIONAL PATENT CLASS: G11B-017/22; G11B-017/028; G11B-017/04;

ABSTRACT WORD COUNT: 130

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	593
CLAIMS B	(German)	EPBBF1	290
CLAIMS B	(French)	EPBBF1	344
SPEC B	(English)	EPBBF1	6266
Total word count - document A			0
Total word count - document B			7493
Total word count - documents A + B			7493

...SPECIFICATION in FIGS. 7 and 8, a moving lever 33 made of a steel plate is **attached** to the bottom of the chassis 16 so **that the** lever can be moved forward and backward (in the directions of loading and unloading of the magazine, which are the **direction** of the arrow Y and the opposite thereof).

FIGS. 9(a) and 9(b) show the details of the...means constitute a disk takeout and conveyance mechanism for sequentially selecting each of the desired **disks** 10 in the **magazine** 5 and conveying the selected **disk onto the disk** bearing side 23a of the turntable 23.

As shown in FIG. 5, a **disk** pusher **drive** cam 87 shaped nearly as a bow is provided on the moving member 18 and **attached** to the moving member 18 by a pin 87a so that the cam 87 is...

...with the side (facing the disk bearing side 23a of the turntable 23) of the **disk** moved **by the disk** moving means (**the** clamp mechanism) in a vertical direction perpendicular to the **disk** bearing **side** 23a (refer to FIG. 6). As a result, the disk pusher 88 maintains the moved disk 10 to be parallel to the **disk** bearing side 23a of the turntable 23. The disk pusher 88 is vertically swung about...it is housed back in the magazine body 8. Since the operation of housing the **disk** back in **the magazine** body 8 is performed by inversely taking the steps of the above-described operation of loading the disk on the turntable 23, the

operation of housing the disk back in the magazine body is not described in detail. Such operations are repeated depending on the number of appointed disks or tunes.

In the disk player provided in accordance with the present invention, a clamp mechanism for clamping a disk 10...

18/3,K/19 (Item 1 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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01078695 **Image available**

ENABLING USE OF ENCRYPTED DATA

AUTORISATION RELATIVE A L'UTILISATION DE DONNEES CHIFFREES

Patent Applicant/Assignee:

SPERO COMMUNICATIONS LIMITED, Meridian Gate, Marsh Wall, London Docklands, London, E14 9YT, GB, GB (Residence), GB (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

SPERO Ian Douglas, Spero Communications Limited, Grampian House, Meridian Gate, 205 Marsh Wall, London, E14 9YT, GB, GB (Residence), GB (Nationality), (Designated only for: US)

Legal Representative:

CROSS Rupert Edward Blount (et al) (agent), Boulton Wade Tennant, Verulam Gardens, 70 Gray's Inn Road, London WC1X 8BT, GB,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200401745 A1 20031231 (WO 0401745)

Application: WO 2003GB2707 20030623 (PCT/WO GB2003002707)

Priority Application: GB 200214407 20020621

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD
SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 4015

Fulltext Availability:

Detailed Description

Detailed Description

... product such as a musical

album or a video DVD. Typically, an optical disk is

attached to or enclosed with a publication such as a

newspaper or magazine. The optical disk contains one

or more soundtracks which can be played on a

conventional domestic CD or DVD player to provide the

consumer with a taster and to encourage them to

proceed to use...

18/3,K/20

(Item 2 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT
(c) 2005 WIPO/Univentio. All rts. reserv.

00936088 **Image available**

MULTI-FUNCTIONAL PORTABLE FOLDING ROCKING CHAIR
FAUTEUIL A BASCULE PLIABLE, PORTABLE, MULTI-FONCTIONNEL

Inventor(s):

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Patent Applicant/Inventor:

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(Residence), US (Nationality)

Legal Representative:

RAYVE Brian R (agent), Mallinckrodt & Mallinckrodt, Suite 510, 10
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Patent and Priority Information (Country, Number, Date):

Patent: WO 200269757 A2-A3 20020912 (WO 0269757)

Application: WO 2001US47567 20011205 (PCT/WO US0147567)

Priority Application: US 2001796851 20010301

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL
TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 26166

Fulltext Availability:

Detailed Description

Detailed Description

... 280 may be stored in one of the pouches or pockets.

Other designs of permanently **attached** and removable packs may include
pockets for other commonly used camping and backpacking items such as
magazines , compact **disc player** , mist bottles, etc.

A second embodiment of the chair specially designed for backpacking with
frames...

18/3,K/21 (Item 3 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00484716 **Image available**

DISC STORAGE MAGAZINE AND PLAYER SYSTEM
SYSTEME DE CHARGEUR DE STOCKAGE DE DISQUES ET DE LECTURE

Patent Applicant/Assignee:

MULTIDISC TECHNOLOGIES INC,

Inventor(s):

BOS Eric Rene,

MONTELIUS Robert L Jr,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9916068 A1 19990401

Application: WO 97US17332 19970925 (PCT/WO US9717332)

Priority Application: WO 97US17332 19970925

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU
IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL
PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW GH KE LS MW SD
SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI FR GB GR IE IT
LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 7975

Fulltext Availability:

Detailed Description

Claims

English Abstract

A **disc storage magazine** and **player** system includes a player module (10) having a playhead (12) disposed therein, at least one storage module (14) **attached** to the player module (10), and a disc transport assembly (18) for transporting **discs** between the **player** module (10) and the storage module(s) (14). The storage module(s) (14) contains a...

Detailed Description

... above-mentioned deficiencies associated with the prior art. More particularly, the present invention comprises a **disc storage magazine** and **player** system comprising a player module having a playhead disposed therein, at least one storage module **attached** to the player module wherein the storage module(s) have a plurality of disc storage...are also intended to be encompassed within the spirit and scope of the invention

The **disc storage magazine** and **player** system of the present invention is illustrated in Figures 1-8 which depict a presently preferred embodiment of the invention

Referring now to Figures 1-5, the **disc storage magazine** and **player** system is comprised generally of a ...player module 10 having a playhead 12 and preferably a plurality of storage modules 14 **attached** to the player module 10, preferably via being stacked atop the player module 10. Each...

Claim

WHAT IS CLAIMED IS:

1. A **disc storage magazine** and **player** system comprising:
a) a player module having a playhead disposed therein;
b) at least one storage module **attached** to said player module, said storage module(s) having a plurality of disc storage locations...

...player module and said storage module(s); and

d) wherein additional storage modules are easily **attachable** to the storage module(s) **attached**

to the player module to facilitate expandability of the system's disc storage capacity.

2. The **disc storage magazine** and **player** system as recited in Claim 1 wherein said storage module(s) are stacked atop said **player** module and said **disc** transport assembly comprises:

a) a lift vertically movable between said player module and said storage...

18/3,K/22 (Item 4 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00447095 **Image available**

STREAMLINED ACTUATOR ARM

BRAS D'ACTIONNEMENT PROFILE

Patent Applicant/Assignee:

· QUANTUM CORPORATION,

Inventor(s):

BENTO Joaquim A,

KASETTY Kumaraswamy,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9837559 A1 19980827

Application: WO 98US3571 19980224 (PCT/WO US9803571)

Priority Application: US 97805388 19970224

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AU CA CN JP KR SG AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE

Publication Language: English

Fulltext Word Count: 4280

Fulltext Availability:

Detailed Description

Detailed Description

... circuit board 28, which carries the electronic components of the disk drive 10 can be **attached** to the base 24. The printed circuit board 28 can be connected to a computer 30 or word processor. For clarity, the **disk drive** 10 is shown as being remote from the computer 30 in Figure 2. However, **disk drive** 10 is typically installed in the **case** of the computer 30.

The **storage disks** 12 store data in a form that can be subsequently retrieved if necessary. Magnetic storage...

18/3,K/23 (Item 5 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00281607 **Image available**

HANDS-FREE CD-ROM DATA RETRIEVAL AND RECORDING SYSTEM

SYSTEME D'ENREGISTREMENT ET D'EXTRACTION DE DONNEES EN MEMOIRE CD-ROM A MAINS LIBRES

Patent Applicant/Assignee:

EPD PARTNERSHIP D B A REDDY INFORMATION SYSTEMS INC,

Inventor(s):

FELSENSTEIN Lee,
Patent and Priority Information (Country, Number, Date):
Patent: WO 9429785 A1 19941222
Application: WO 93US5467 19930607 (PCT/WO US9305467)
Priority Application: WO 93US5467 19930607
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AU CA JP KR AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE
Publication Language: English
Fulltext Word Count: 4065

Fulltext Availability:
Claims

Claim

... by a user for displaying
predetermined digitized data encoded into a large
capacity information **storage** device such as a compact
disk comprising
carrying case comprising a belt **attachment**
enclosing
power supply, a computer on a circuit card
comprising a CPU, a ROM memory and I/O port means, and
CD-ROM delivery drive adapted to receive a
memory medium containing said predetermined digitized
data, said delivery drive being...

18/3,K/24 (Item 6 from file: 349)
DIALOG(R) File 349:PCT FULLTEXT
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00233524

AN EXTRUDED ENCLOSURE FOR A COMPUTER SYSTEM
COFFRET EXTRUDE POUR SYSTEME INFORMATIQUE

Patent Applicant/Assignee:

TEXAS MICROSYSTEMS INC,

Inventor(s):

SCHLEMMER James L,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9307781 A1 19930429

Application: WO 92US8745 19921013 (PCT/WO US9208745)

Priority Application: US 91392 19911018

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

JP AT BE CH DE DK ES FR GB GR IE IT LU MC NL SE

Publication Language: English

Fulltext Word Count: 5178

Fulltext Availability:

Detailed Description

Detailed Description

... Background of the Invention

Modern personal computers and workstations generally
include the more important functional **components** in a
single case. These **components** include power supplies, **disk**
storage (both fixed **disk** and removable, or floppy **disk**
drives), tape **drives**, and one or more printed circuit

boards upon which are mounted the central processing unit, memory, and other **integrated** circuits used in. data processing. In many office and home environments, the case is configured...

18/3,K/25 (Item 7 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00141883

VIDEO STILL PLAYER WITH A BUFFERED DATA INPUT CHANNEL
LECTEUR D'IMAGES IMMOBILES VIDEO AVEC CANAL D'ENTREE DE DONNEES MIS EN
TAMPON

Patent Applicant/Assignee:

EASTMAN KODAK COMPANY,

Inventor(s):

COMPTON John Thomas,

Patent and Priority Information (Country, Number, Date):

Patent: WO 8706756 A1 19871105

Application: WO 87US815 19870413 (PCT/WO US8700815)

Priority Application: US 86251 19860424

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

BE DE FR GB IT JP NL

Publication Language: English

Fulltext Word Count: 3848

Fulltext Availability:

Claims

Claim

... magnetic

disks (1) according to viewing instructions

5 contained in a programmable storage device (5)

attached to a removable **magazine** (2) storing the

disks , the **player** system including an internal

processor (7) for controlling player functions and a

data entry unit...

25/3,K/1 (Item 1 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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01683381

RECORDING METHOD, RECORDING DEVICE, AND RECORDING MEDIUM
AUFZEICHNUNGSVERFAHREN, AUFZEICHNUNGSEINRICHTUNG UND AUFZEICHNUNGSMEDIUM
PROCEDE, DISPOSITIF ET SUPPORT D'ENREGISTREMENT

PATENT ASSIGNEE:

Sony Corporation, (214028), 7-35, Kitashinagawa 6-chome, Shinagawa-ku,
Tokyo 141-0001, (JP), (Applicant designated States: all)
Pioneer Corporation, (2812425), 4-1 Meguro 1-chome, Meguro-ku, Tokyo
153-8654, (JP), (Applicant designated States: all)

INVENTOR:

ARIDOME, Kenichiro, SONY CORPORATION, 7-35, Kitashinagawa 6-chome,
Shinagawa-ku, Tokyo 141-0001, (JP)
MATSUNO, Katsumi, SONY CORPORATION, 7-35, Kitashinagawa 6-chome,
Shinagawa-ku, Tokyo 141-0001, (JP)
YOSHIOKA, Shingo, SONY CORPORATION, 7-35, Kitashinagawa 6-chome,
Shinagawa-ku, Tokyo 141-0001, (JP)
SUGINO, Akinobu, SONY CORPORATION, 7-35, Kitashinagawa 6-chome,
Shinagawa-ku, Tokyo 141-0001, (JP)

LEGAL REPRESENTATIVE:

Leppard, Andrew John (135871), D Young & Co 120 Holborn, London EC1N 2DY,
(GB)

PATENT (CC, No, Kind, Date): EP 1503380 A1 050202 (Basic)

WO 2003096342 031120

APPLICATION (CC, No, Date): EP 2003723167 030422; WO 2003JP5112 030422

PRIORITY (CC, No, Date): JP 2002134747 020509

DESIGNATED STATES: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR;
HU; IE; IT; LI; LU; MC; NL; PT; RO; SE; SI; SK; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK

INTERNATIONAL PATENT CLASS: G11B-020/12; G11B-020/10; G11B-027/00;

G06F-012/00; H04N-005/92

ABSTRACT WORD COUNT: 141

NOTE:

Figure number on first page: 4A 4B 4C

LANGUAGE (Publication,Procedural,Application): English; English; Japanese
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
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CLAIMS A	(English)	200505	645
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SPEC A	(English)	200505	12264
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Total word count - document A	12909
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Total word count - document B	0
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Total word count - documents A + B	12909
------------------------------------	-------

...SPECIFICATION in the built-in memory thereof, and instruct each of the components of the optical **disk** recorder/player 100 to read the file from the address. On the other hand, in...picture file thus recorded is recorded to the optical disk 2. Namely, in the optical **disk recorder / player** 100, the system controller 10 will generate management information from the address, file size, recording...

...optical disk 2 to define the intended VTSI and VTSM VOBS areas.

In the optical **disk recorder / player** 100, video data made up of moving pictures is recorded for one title. Thus, in the optical **disk recorder / player** 100, for **recording** a moving picture file, management information and the file are recorded in the DVD video...

...BUP are laid successively.

When the user then instructs to record moving pictures, the optical disc recorder / player 100 repeats the similar operations to sequentially record titles to the optical disc 2. In case an optical disc having such titles sequentially recorded therein as above and not yet finalized is loaded into the optical disc recorder / player 100, the management information having been recorded in combination with the titles are initially acquired...
...a title detected through scanning of the optical disc 2 is recorded.
In the optical disc recorder / player 100, when titles are recorded to the optical disc 2 as above and the user...

25/3,K/2 (Item 2 from file: 348)
DIALOG(R) File 348:EUROPEAN PATENTS
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01270917

INFORMATION TRANSMISSION SYSTEM AND METHOD, DRIVE DEVICE AND ACCESS METHOD,
INFORMATION RECORDING MEDIUM, DEVICE AND METHOD FOR PRODUCING RECORDING
MEDIUM

VERFAHREN UND VORRICHTUNG ZUR INFORMATIONSUBERTRAGUNG, TREIBERVORRICHTUNG
UND ZUGRIFFSVERFAHREN, INFORMATIONSAUFZEICHNUNGSTRAGER, VORRICHTUNG UND
VERFAHREN ZUR HERSTELLUNG EINES AUFZEICHNUNGSMEDIUMS

SYSTEME ET PROCEDE D'EMISSION D'INFORMATIONS, LECTEUR ET PROCEDE D'ACCES,
SUPPORT D'ENREGISTREMENT D'INFORMATIONS, ET DISPOSITIF ET PROCEDE DE
PRODUCTION DE SUPPORTS D'ENREGISTREMENT

PATENT ASSIGNEE:

Sony Corporation, (214028), 7-35, Kitashinagawa 6-chome, Shinagawa-ku,
Tokyo 141-0001, (JP), (Applicant designated States: all)

INVENTOR:

ASANO, Tomoyuki, Sony Corporation, 7-35, Kitashinagawa 6-chome,
Shinagawa-ku, Tokyo 141-0001, (JP)

OSAWA, Yoshitomo, Sony Corporation, 7-35, Kitashinagawa 6-chome,
Shinagawa-ku, Tokyo 141-0001, (JP)

LEGAL REPRESENTATIVE:

Pratt, Richard Wilson et al (46458), D. Young & Co, 21 New Fetter Lane,
London EC4A 1DA, (GB)

PATENT (CC, No, Kind, Date): EP 1124350 A1 010816 (Basic)
WO 200115380 010301

APPLICATION (CC, No, Date): EP 2000953499 000818; WO 2000JP5543 000818

PRIORITY (CC, No, Date): JP 99234371 990820; JP 99363266 991221

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;
LU; MC; NL; PT; SE

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: H04L-009/32; H04L-009/08; G11B-020/10

ABSTRACT WORD COUNT: 116

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; Japanese
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200133	8854
SPEC A	(English)	200133	64033
Total word count - document A			72887
Total word count - document B			0
Total word count - documents A + B			72887

...SPECIFICATION mutual authentication protocol and key sharing protocol
using the public-key encryption technology, the optical disc

recorder/player 100 and security module 13 will safely share a key. This shared key...thus update the revocation list having the older version number.

Thereafter, the optical disc recorder/ player 100 goes to step P26 where ...The security module 13 goes to step P28 where it will send to the optical disc recorder / player 100 the value Enc(Kst, Kco) decrypted with the storage key Kst and obtained by encrypting the content key Kco with the session key Kse. The optical disc recorder / player 100 obtains the content key Kco by decrypting the value Enc(Kse, Kco) with the session key Kse. Thereafter, the optical disc recorder / player 100 goes to step P29 where it will read the data Enc(Kco, data) from...

25/3,K/3 (Item 3 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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00394930

Driving apparatus suitable for optical disc player or recorder and player or recorder including such apparatus.

Antriebsanordnung zur Anwendung in einem optischen Plattenspieler oder Aufzeichnungsgerät und Plattenspieler oder Aufzeichnungsgerät mit einer gleichen Anordnung

Dispositif d'entraînement d'un tourne-disque ou enregistreur optique et un tourne-disque ou enregistreur avec un tel dispositif.

PATENT ASSIGNEE:

MITSUBISHI DENKI KABUSHIKI KAISHA, (208580), 2-3, Marunouchi 2-chome
Chiyoda-ku, Tokyo 100, (JP), (applicant designated states: DE;FR;GB)

INVENTOR:

Kime, Kenjiro, C/o Mitsubishi Denki K.K., Consumer Electronics
Development Lab. 1, Babazusho, Nagaokakyo-City, Kyoto Prefecture, (JP)

LEGAL REPRESENTATIVE:

Lehn, Werner, Dipl.-Ing. et al (7471), Hoffmann, Eitle & Partner,
Patentanwalte, Postfach 81 04 20, D-81904 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 398395 A1 901122 (Basic)
EP 398395 B1 931201

APPLICATION (CC, No, Date): EP 90113259 840327;

PRIORITY (CC, No, Date): JP 8357378 830330; JP 83100421 830606

DESIGNATED STATES: DE; FR; GB

RELATED PARENT NUMBER(S) - PN (AN):

EP 121857 (EP 841033632)

INTERNATIONAL PATENT CLASS: G11B-007/08; G11B-007/09;

ABSTRACT WORD COUNT: 122

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	409
CLAIMS B	(German)	EPBBF1	380
CLAIMS B	(French)	EPBBF1	470
SPEC B	(English)	EPBBF1	2338
Total word count - document A			0
Total word count - document B			3597
Total word count - documents A + B			3597

...SPECIFICATION driving apparatus which allows easy control and tracking of a light beam of an optical disc player or recorder with a high degree of accuracy.

Specifically , the object of the invention is solved by a driving

apparatus for controlling and tracking light beams of an optical **disc player** or **recorder** , comprising:

- (a) a base member;
- (b) a first holder member slidably and rotatably disposed on...

...focussing a light beam irradiated thereon and emitting said light beam as a light spot;

(**d**) **rotation** driving **means** for rotating said holder member and optical means about said shaft to correct tracking deviations positioned on one side of said **holder member** with **respect** to said shaft; and

(g) balancing means, positioned on the opposite side of said holder

...

25/3,K/4 (Item 4 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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00370226

Method for setting a sound recording level.

Methode zum Einrichten eines Tonaufnahmeniveaus.

Methode pour le réglage d'un niveau d'enregistrement du son.

PATENT ASSIGNEE:

PIONEER ELECTRONIC CORPORATION, (537920), No. 4-1, Meguro 1-chome,
Meguro-ku Tokyo 153, (JP), (applicant designated states: DE;FR;GB)

INVENTOR:

Ishii, Hidehiro Pioneer Electronic Corporation, Tokorozawa Works, No.
2610 Hanazono 4-chome, Tokorozawa-shi Saitama, (JP)

Takeya, Noriyoshi Pioneer Electronic Corporation, Tokorozawa Works, No.
2610 Hanazono 4-chome, Tokorozawa-shi Saitama, (JP)

Miura, Chiharu Pioneer Electronic Corporation, Tokorozawa Works, No. 2610
Hanazono 4-chome, Tokorozawa-shi Saitama, (JP)

Fukuda, Tatsuya Pioneer Electronic Corporation, Tokorozawa Works, No.
2610 Hanazono 4-chome, Tokorozawa-shi Saitama, (JP)

LEGAL REPRESENTATIVE:

Brunner, Michael John et al (28871), GILL JENNINGS & EVERY Broadgate
House 7 Eldon Street, London EC2M 7LH, (GB)

PATENT (CC, No, Kind, Date): EP 363186 A2 900411 (Basic)

EP 363186 A3 901205

EP 363186 B1 931229

APPLICATION (CC, No, Date): EP 89310170 891004;

PRIORITY (CC, No, Date): JP 88251226 881005; JP 88251227 881005; JP
88251228 881005

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: G11B-007/00; G11B-007/28; G11B-020/10;

ABSTRACT WORD COUNT: 142

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	244
CLAIMS B	(German)	EPBBF1	223
CLAIMS B	(French)	EPBBF1	269
SPEC B	(English)	EPBBF1	5200
Total word count - document A			0
Total word count - document B			5936
Total word count - documents A + B			5936

...SPECIFICATION of the present invention.

The above-mentioned embodiment of the present invention relates to the

case in which the disk player and the recorder are separate units, but the present invention can be also applied to a case in which the disk player and the recorder are integrated into one unit. As mentioned above, in accordance with the sound recording level setting method of the first embodiment of the present invention...

25/3,K/5 (Item 5 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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00306265

System comprising a disc-record player and a removable holder intended for holding a disc, a holder suitable for use in the system and a disc-record player prov

System mit einem Plattenspieler und einem herausnehmbaren Plattenhalter, Plattenhalter geeignet zur Verwendung in diesem System und Plattenspieler mit einer Lad

Systeme comprenant un lecteur de disques et un support amovible pour soutenir un disque, le support pouvant etre utilise dans le systeme et le lecteur de disqu

PATENT ASSIGNEE:

N.V. Philips' Gloeilampenfabrieken, (200769), Groenewoudseweg 1, NL-5621 BA Eindhoven, (NL), (applicant designated states: DE;FR;GB;IT)

INVENTOR:

Verhagen, Johannes Petrus Cornelis Maria, c/o INT. OCTROOIBUREAU B.V.
Prof. Holstlaan 6, NL-5656 AA Eindhoven, (NL)

LEGAL REPRESENTATIVE:

Schrijnemaekers, Hubert Joannes Maria et al (42811), Internationaal Octrooibureau B.V. Prof. Holstlaan 6, NL-5656 AA Eindhoven, (NL)

PATENT (CC, No, Kind, Date): EP 294884 A1 881214 (Basic)

EP 294884 B1 930901

APPLICATION (CC, No, Date): EP 88201136 880606;

PRIORITY (CC, No, Date): NL 871345 870610

DESIGNATED STATES: DE; FR; GB; IT

INTERNATIONAL PATENT CLASS: G11B-023/03; G11B-017/04;

ABSTRACT WORD COUNT: 88

LANGUAGE (Publication,Procedural,Application): English; English; Dutch

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	817
CLAIMS B	(German)	EPBBF1	758
CLAIMS B	(French)	EPBBF1	915
SPEC B	(English)	EPBBF1	4535
Total word count - document A			0
Total word count - document B			7025
Total word count - documents A + B			7025

...SPECIFICATION of the actuating elements from a fixed location, after insertion of the holder into the disc-record player, for moving apart the holding elements, both in the first and in the...distance between the apertures is selected in such a way that when the actuating element 4 is moved parallel to the double arrow 9 from the position shown in Fig. 1A, in...

...that each time that the holder is placed into a loading mechanism, not shown, of a disc-record player the coupling means can couple to actuating means of the disc-record player without adaptation of the position of the actuating means, so that the units 3 can simply be

moved...to one another, which units each comprise an actuating element 24 which is pivotable about a pivot pin 2A on the base of the holder body 22. Each actuating element 24...being released by moving the body sections 52A and 52B apart in a direction parallel to the double arrow 59.

The embodiment of the holder 1 shown in Figs. 7A, 7B...

...portion, not shown, in the position shown in Fig. 7B. Thus, the holder 1 in the present embodiment is also capable of holding a disc of intermediate diameter, for example 10 cm. Again...

...in the position shown in Figs. 7A, 7B and 7C the actuating means of a disc - record player are engageable in apertures 8B, 8C and 8A respectively, at the same location of the...

...outer dimensions of the holder or without an adaptation of the loading mechanism of the disc - record player. This is a major advantage, for example, when such a holder is used in conjunction...

28/3,K/1 (Item 1 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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01459514

Chemical array reading

Anlesen eines chemischen Arrays

Lecture d'un array chimique

PATENT ASSIGNEE:

Agilent Technologies, Inc., (2885686), 395 Page Mill Road, Palo Alto, CA
94306, (US), (Applicant designated States: all)

INVENTOR:

Cattell, Herbert F., 3386 Truman Avenue, Mountain View, CA 94040, (US)

Delenstarr, Glenda C., 1512 Pine Knoll Drive, Belmont, CA 94002, (US)

LEGAL REPRESENTATIVE:

Jehan, Robert et al (72663), Williams Powell Morley House 26-30 Holborn
Viaduct, London EC1A 2BP, (GB)

PATENT (CC, No, Kind, Date): EP 1247570 A2 021009 (Basic)

EP 1247570 A3 031217

APPLICATION (CC, No, Date): EP 2002252348 020328;

PRIORITY (CC, No, Date): US 280525 P 010330; US 919555 010731

DESIGNATED STATES: DE; FR; GB

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: B01J-019/00; G06F-019/00; C07H-021/04

ABSTRACT WORD COUNT: 90

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200241	1083
SPEC A	(English)	200241	8315
Total word count - document A			9398
Total word count - document B			0
Total word count - documents A + B			9398

...SPECIFICATION obtained from that storage medium using the identifier
(and a suitable reader, such as a **disk drive** in the **case** where the
portable storage medium is a magnetic or optical **disk**). One way of
determining a communication address of a remote location to which the map
...

28/3,K/2 (Item 2 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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01439752

Chemical array fabrication with identity map

Herstellung von chemischen Matrizen mit Identifikationskarte

Production de matrices chimiques avec carte d'identification

PATENT ASSIGNEE:

Agilent Technologies, Inc. (a Delaware corporation), (2885689), 395 Page
Mill Road, Palo Alto, CA 94303, (US), (Applicant designated States:
all)

INVENTOR:

Webb, Peter G., 345 Willow Road, Menlo Park, CA 94025, (US)

LEGAL REPRESENTATIVE:

Schoppe, Fritz, Dipl.-Ing. et al (55464), Patentanwälte Schoppe,
Zimmermann, Stockeler & Zinkler, Postfach 246, 82043 Pullach bei
München, (DE)

PATENT (CC, No, Kind, Date): EP 1226866 A2 020731 (Basic)
EP 1226866 A3 031210

APPLICATION (CC, No, Date): EP 2001130311 011219;

PRIORITY (CC, No, Date): US 772723 010129

DESIGNATED STATES: DE; FR; GB

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: B01J-019/00

ABSTRACT WORD COUNT: 119

NOTE:

Figure number on first page: 4

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200231	1539
SPEC A	(English)	200231	8387
Total word count - document A			9926
Total word count - document B			0
Total word count - documents A + B			9926

...SPECIFICATION from that storage medium using the map identifier (and a
suitable reader, such as a **disk drive** in the **case** where the
portable storage medium is a magnetic or optical **disk**). One way of
determining a communication address of a remote location to which the map
...

28/3,K/3 (Item 1 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00747931 **Image available**

HARD DISK BASED PORTABLE DEVICE

DISPOSITIF PORTABLE A DISQUE DUR

Patent Applicant/Assignee:

SYCOM TECHNOLOGIES INC, 1239 Parkway Avenue, Suite 100, Ewing, NJ 08628,
US, US (Residence), US (Nationality)

Inventor(s):

NAIM Ari B, 50083 Sanderlin Court, Harmon Cove, 2 Townhouses, Secaucus,
NJ 07094, US,

Legal Representative:

MACKIEWICZ John J (et al) (agent), Woodcock Washburn Kurtz Mackiewicz &
Norris LLP, One Liberty Place - 46th floor, Philadelphia, PA 19103, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200060918 A2-A3 20001019 (WO 0060918)

Application: WO 2000US9667 20000412 (PCT/WO US0009667)

Priority Application: US 99129003 19990413; US 99134989 19990520; US
99409531 19990930; US 99441267 19991116

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES
FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU
LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT
TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 9633

Fulltext Availability:

Detailed Description

Detailed Description

... effective or portable in that one still needed to have access to or carry a **portable mini-disk storage box** instead of a PC. Also, the **CD player** was required to continuously operate during music playback. This may impact negatively on the portable...

File 348:EUROPEAN PATENTS 1978-2005/Feb W01

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File 349:PCT FULLTEXT 1979-2002/UB=20050203,UT=20050127

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Set	Items	Description
S1	1407	PHONOGRAPH?? OR RECORD(3N)PLAYER??
S2	50	S1(15N)(BUILTIN OR INBUILT OR IN(2N)BUILT?? OR INTEGRA???? OR ATTACH???? OR UNITED OR UNITARY OR (SINGLE OR ONE)(3N)COMP- ONENT?? OR (ONE OR SINGLE)()PIECE??)
S3	3	S2(15N)STORAG???
S4	0	S2(20N)(STORAG??(3N)(COMPART???? OR SECTION?? OR AREA?? OR BOX?? OR CHAMBER?? OR ENCLOSUR?? OR CONTAINER??))
S5	99	S1(15N)TURNTABL??
S6	8	S5 AND S2

3/3,K/1 (Item 1 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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00498444

LIMITED USE VIDEO CASSETTE AND INTEGRAL MAILER.
VIDEOKASSETTE MIT BESCHRANKTEM GEBRAUCH UND INTEGRIERTER POSTSENDUNG.
CASSETTE VIDEO D'USAGE LIMITE A EMBALLAGE D'EXPEDITION INTEGRE.

PATENT ASSIGNEE:

SHARBAR RESEARCH AND DEVELOPMENT, INC., (1877740), 8218 Arrowhead Road,
Baltimore Maryland 21208, (US), (applicant designated states:
AT;BE;CH;DE;DK;ES;FR;GB;GR;IT;LI;LU;NL;SE)

INVENTOR:

Klupt, Carle D., 8218 Arrowhead Road, Baltimore, MD 21208, (US)

LEGAL REPRESENTATIVE:

Harris, Ian Richard et al (72231), c/o D. Young & Co., 21 New Fetter Lane
, London EC4A 1DA, (GB)

PATENT (CC, No, Kind, Date): EP 502077 A1 920909 (Basic)
EP 502077 A1 930331
EP 502077 B1 950705
WO 9107752 910530

APPLICATION (CC, No, Date): EP 91900083 901121; WO 90US6669 901121

PRIORITY (CC, No, Date): US 440217 891122; US 440218 891122

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IT; LI; LU; NL; SE

INTERNATIONAL PATENT CLASS: G11B-023/087;

NOTE:

No A-document published by EPO

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPAB95	682
CLAIMS B	(German)	EPAB95	606
CLAIMS B	(French)	EPAB95	726
SPEC B	(English)	EPAB95	5032
Total word count - document A			0
Total word count - document B			7046
Total word count - documents A + B			7046

...SPECIFICATION the present invention to provide a cassette housing for a recording medium which is of **one - piece** construction and self-contained for loading directly in a **record player**.

It is also imperative that the cassette be protected during **storage**, handling and shipment. Typically, prior art cassettes are inserted into plastic cases or cardboard holders...

3/3,K/2 (Item 1 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00238428

CONTAINER STORAGE CABINET
ELEMENT DE RANGEMENT

Patent Applicant/Assignee:

STOLZEL Peter,

Inventor(s):

STOLZEL Peter,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9312693 A1 19930708

Application: WO 92CA545 19921218 (PCT/WO CA9200545)

Priority Application: US 91811053 19911220
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AU CA JP AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE
Publication Language: English
Fulltext Word Count: 3188

Fulltext Availability:

Detailed Description

Detailed Description

... to a vertical position to
provide access to the documents and drawings stored therein

The **storage** art is replete with card index cabinets, **phonograph storage** cabinets, cabinets for small articles and cabinets suitable for card indexes, see for example **United States Patent 2,423,919**; **United States Patent No. 1,009,141**; **United States Patent...**

3/3,K/3 (Item 2 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00190405 **Image available**

LIMITED USE VIDEO CASSETTE AND INTEGRAL MAILER

CASSETTE VIDEO D'USAGE LIMITE A EMBALLAGE D'EXPEDITION INTEGRE

Patent Applicant/Assignee:

KLUPT Carle D,

Inventor(s):

KLUPT Carle D,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9107752 A1 19910530

Application: WO 90US6669 19901121 (PCT/WO US9006669)

Priority Application: US 89217 19891122; US 89218 19891122

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AT AU BB BE BF BG BJ BR CA CF CG CH CM DE DK ES FI FR GA GB GR HU IT JP
KP KR LK LU MC MG ML MR MW NL NO RO SD SE SN SU TD TG

Publication Language: English

Fulltext Word Count: 7337

Fulltext Availability:

Detailed Description

Detailed Description

... the present invention to
provide a cassette housing for a recording medium which is
of **one - piece** construction and self-contained for loading
directly in a **record player** .

It is also imperative that the cassette be protected
during **storage** , handling and shipment, Typically, prior
art cassettes are inserted into plastic cases or cardboard
holders...

6/3,K/1 (Item 1 from file: 348)
DIALOG(R) File 348:EUROPEAN PATENTS
(c) 2005 European Patent Office. All rts. reserv.

01146425

Portable apparatus for storing, handling and listening to pieces of music
Tragbares Gerat zum Speichern, Verarbeiten und Abhoren von Musikstucken
Appareil portatif pour stocker, traiter et ecouter des morceaux de musique
PATENT ASSIGNEE:

Cortellesi, Alessandro, (2893960), Vivale Europa, n. 43, 00042 Roma, (IT)
, (Applicant designated States: all)

INVENTOR:

Cortellesi, Alessandro, Viale Nerone n. 39, 00042 Anzio (Roma), (IT)

LEGAL REPRESENTATIVE:

Sarpi, Maurizio et al (41003), Studio Ing. Ivo Jacobacci & C. S.R.L., Via
R. Cadorna 29, 00187 Roma, (IT)

PATENT (CC, No, Kind, Date): EP 999553 A1 000510 (Basic)

APPLICATION (CC, No, Date): EP 99830690 991102;

PRIORITY (CC, No, Date): IT 98LT15 981102

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;
LU; MC; NL; PT; SE

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G11B-027/00; G10H-001/00; G11B-027/10;

G11B-031/00; G11B-019/02; G11B-019/26; G11B-020/10; G11B-027/034;

G11B-027/11; G07F-017/16; H04H-001/02

ABSTRACT WORD COUNT: 68

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; Italian

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200019	1309
SPEC A	(English)	200019	1958
Total word count - document A			3267
Total word count - document B			0
Total word count - documents A + B			3267

...SPECIFICATION automatically the same operations (scratching) as those performed today on the records placed on the **turntables** of the **record players** located in the console.

Further features and advantages of the invention will be readily apparent...provides, as already mentioned, the use of a virtual disk to be placed on the **turntable** of a common **record player** (see Figs 3a and 3b).

The block diagram of Fig. 2 is different from the...
...disk as their diameters are lower than such thickness.

The disk is placed on the **turntable** of a common **record player** and handled as a common long playing record (L.P.), however, without using any pick...

...of the latter is taken by a directional sensor of magnetic flux SD which is **integral** with the **record player** and positioned over the disk so as to stand above the ball ring 12 at...

...CLAIMS according to claims 16 to 19, characterized in that the disk is placed on the **turntable** of a common **record player** and handled as a common record, however, without using any pick-up arm, the place

of which is taken by a directional sensor (SD) of magnetic flux SD which is **integral** with the **record player** and positioned over the disk so as to stand above the ball ring (12).

21...

6/3,K/2 (Item 2 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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00728765

Record player for learning purposes

Phonogerat fur Lernzwecke

Electrophone pour applications d'apprentissage

PATENT ASSIGNEE:

Doring, Erich, Dr.h.c., (544590), Im Holzeli, CH-9442 Berneck, (CH),
(Proprietor designated states: all)

INVENTOR:

Doring, Erich, Dr.h.c., Im Holzeli, CH-9442 Berneck, (CH)

LEGAL REPRESENTATIVE:

Behrens, Dieter, Dr.-Ing. (1701), Wuesthoff & Wuesthoff Patent- und
Rechtsanwalte Schweigerstrasse 2, 81541 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 688005 A1 951220 (Basic)

EP 688005 B1 000301

APPLICATION (CC, No, Date): EP 95109244 950614;

PRIORITY (CC, No, Date): DE 4420645 940614

DESIGNATED STATES: AT; CH; DE; ES; FR; GB; IT; LI

INTERNATIONAL PATENT CLASS: G09B-005/04; G11B-003/40

TRANSLATED ABSTRACT WORD COUNT: 99

ABSTRACT WORD COUNT: 134

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): German; German; German

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200009	382
CLAIMS B	(German)	200009	309
CLAIMS B	(French)	200009	430
SPEC B	(German)	200009	3390
Total word count - document A			0
Total word count - document B			4511
Total word count - documents A + B			4511

...CLAIMS rotated for scanning a spiral-shaped sound groove (51) of a sound carrier (50) firmly **integrated** in a printed medium such as a book, brochure, copybook or magazine, on which the **phonographic** apparatus can be placed in alignment with the sound groove (51), and a sound reproducing means (20) for the sound signals scanned by the pickup head,

characterized in that
the **phonographic** apparatus has supplementary means (30) installed therein which includes **integrally** or is adapted to be connected to a microphone (34) for recording the text spoken...

...to 4, characterized in that

a scale (64) is arranged at the side of the **turntable** (60) facing the sound groove, near the cutout (64).

6. The **phonographic** apparatus according to one of the preceding claims, characterized in that

its maximum dimensions are...

6/3,K/3 (Item 3 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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00608781

AN ARRANGEMENT PERTAINING TO CD-PLAYERS
SICH AUF EINEN CD-SPIELER BEZIEHENDE VORRICHTUNG
DISPOSITIF CONCERNANT UN LECTEUR DE CD

PATENT ASSIGNEE:

FORSELL, Peter, (1710780), Gotalandsvagen 188, S-125 35 Alvsjo, (SE),
(applicant designated states:

AT;BE;CH;DE;DK;ES;FR;GB;GR;IE;IT;LI;LU;MC;NL;PT;SE)

INVENTOR:

FORSELL, Peter, Gotalandsvagen 188, S-125 35 Alvsjo, (SE)

LEGAL REPRESENTATIVE:

Rosenquist, Per Olof (49544), Bergenstrahle & Lindvall AB, P.O. Box 17704
, 118 93 Stockholm, (SE)

PATENT (CC, No, Kind, Date): EP 672288 A1 950920 (Basic)
EP 672288 B1 981007
WO 9320556 931014

APPLICATION (CC, No, Date): EP 93908250 930401; WO 93SE279 930401

PRIORITY (CC, No, Date): SE 921022 920401

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC;
NL; PT; SE

INTERNATIONAL PATENT CLASS: G11B-019/20; F16C-032/06;

NOTE:

No A-document published by EPO

LANGUAGE (Publication,Procedural,Application): English; English; Swedish

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	9841	472
CLAIMS B	(German)	9841	461
CLAIMS B	(French)	9841	531
SPEC B	(English)	9841	2692
Total word count - document A			0
Total word count - document B			4156
Total word count - documents A + B			4156

...SPECIFICATION drive motor may be incorporated in the air journal unit and may also drive the **turntable** by means of a belt drive.

Air journal means pertaining to phonographs are known per se. In FR-A-2278128 a **phonograph** is disclosed having a **turntable** with an **integral** drive shaft. The rotor of a drive motor is mounted on said shaft, while the...

...drive units spinning CD-disks at high speed.

In US,A,4256312 is disclosed a **turntable** device for **record players**. A belt driven **turntable** rests on an air cushion formed between a frustoconical stationary part and a frustoconical recess in the downward side of the **turntable**, by discharging air through a plurality of orifices in the stationary part.

Turntables of **phonographs** have an appreciable mass, and according to the prior art, the object of air bearings...

6/3,K/4 (Item 4 from file: 348)
DIALOG(R) File 348:EUROPEAN PATENTS
(c) 2005 European Patent Office. All rts. reserv.

00429641

Disc-record player and centring device for use in the player
Plattenspieler sowie Zentriervorrichtung zum Gebrauch in dem Plattenspieler
Tourne-disque et dispositif de centrage destine a etre utilise dans le
tourne-disque

PATENT ASSIGNEE:

Philips Electronics N.V., (200769), Groenewoudseweg 1, NL-5621 BA
Eindhoven, (NL), (applicant designated states: DE;FR;GB;IT)

INVENTOR:

Decoster, Michel Henri Francois, c/o INT. OCTROOIBUREAU B.V., Prof.
Holstlaan 6, NL-5656 AA Eindhoven, (NL)
Camps, Libert Henricus Augustinus Maria, c/o INT. OCTROOIBUREAU B.V.,
Prof. Holstlaan 6, NL-5656 AA Eindhoven, (NL)
Rouws, Petrus Levanus Antonius, c/o INT. OCTROOIBUREAU B.V., Prof.
Holstlaan 6, NL-5656 AA Eindhoven, (NL)
van Heusden, Omar Prosper Leo Pieter, c/o INT. OCTROOIBUREAU B.V., Prof.
Holstlaan 6, NL-5656 AA Eindhoven, (NL)

LEGAL REPRESENTATIVE:

Schrijnemaekers, Hubert Joannes Maria et al (42811), INTERNATIONAAL
OCTROOIBUREAU B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven, (NL)

PATENT (CC, No, Kind, Date): EP 434136 A1 910626 (Basic)
EP 434136 B1 960313

APPLICATION (CC, No, Date): EP 90203299 901213;

PRIORITY (CC, No, Date): NL 8931113 891220

DESIGNATED STATES: DE; FR; GB; IT

INTERNATIONAL PATENT CLASS: G11B-017/022;

ABSTRACT WORD COUNT: 188

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF1	402
CLAIMS B	(English)	EPAB96	865
CLAIMS B	(German)	EPAB96	763
CLAIMS B	(French)	EPAB96	922
SPEC A	(English)	EPABF1	4091
SPEC B	(English)	EPAB96	4181
Total word count - document A			4493
Total word count - document B			6731
Total word count - documents A + B			11224

...SPECIFICATION player and centring device for use in the player."

The invention relates to a disc- **record player** comprising a device
for scanning rotating disc-shaped information carriers, comprising a
frame, a **turntable** , which is rotatable about an axis of rotation during
operation and which comprises a supporting...

...information carriers.

The invention also relates to a centring device for use in a disc-
record player .

A disc- **record player** comprising a centring device is known from
United States Patent Specification 2,508,715 (herewith incorporated by
reference). The known disc- **record player** is suitable for playing
phonograph records of two types having different diameters. For this

which comprises a supporting...

...CLAIMS B1

1. A disc- **record** **player** comprising a device for scanning rotating disc-shaped information carriers, comprising a frame (4), a **turntable** (78), which is rotatable about an axis of rotation (76) during operation and which comprises...

6/3,K/5 (Item 5 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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00429638

Disc-record player with detection unit.

Plattenspieler mit Detektionseinheit.

Tourne-disque avec une unite de detection.

PATENT ASSIGNEE:

Philips Electronics N.V., (200769), Groenewoudseweg 1, NL-5621 BA
Eindhoven, (NL), (applicant designated states: DE;FR;GB)

INVENTOR:

Camps, Libert Henricus Augustinus Maria, c/o INT. OCTROOIBUREAU B.V.,
Prof. Holstlaan 6, NL-5656 AA Eindhoven, (NL)

Rouws, Petrus Levanus Antonius, c/o INT. OCTROOIBUREAU B.V., Prof.
Holstlaan 6, NL-5656 AA Eindhoven, (NL)

van Heusden, Omar Prosper Leo Pieter, c/o INT. OCTROOIBUREAU B.V., Prof.
Holstlaan 6, NL-5656 AA Eindhoven, (NL)

LEGAL REPRESENTATIVE:

Schrijnemaekers, Hubert Joannes Maria et al (42811), INTERNATIONAAL
OCTROOIBUREAU B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven, (NL)

PATENT (CC, No, Kind, Date): EP 434133 A1 910626 (Basic)
EP 434133 B1 951115

APPLICATION (CC, No, Date): EP 90203296 901213;

PRIORITY (CC, No, Date): NL 893114 891220

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: G11B-017/022;

ABSTRACT WORD COUNT: 239

LANGUAGE (Publication,Procedural,Application): English; English; Dutch

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF1	372
CLAIMS B	(English)	EPAB95	435
CLAIMS B	(German)	EPAB95	372
CLAIMS B	(French)	EPAB95	469
SPEC A	(English)	EPABF1	3534
SPEC B	(English)	EPAB95	3496
Total word count - document A			3906
Total word count - document B			4772
Total word count - documents A + B			8678

...SPECIFICATION servo element.

The invention also relates to a detection unit for use in the disc-
record **player** .

United States Patent Specification 4,470,136 (herewith incorporated
by reference) discloses a disc- **record** **player** comprising a loading
mechanism for moving phonograph records of different diameters into and
out of...

...frictional forces occur. The detection unit can have a small height.

This makes the disc- **record player** in accordance with the invention very suitable as a **built - in** apparatus, for example in the dashboard of a car. Another advantage of the disc- **record player** in accordance with the invention is that in the case of a suitable dimensioning and... brought into a desired position by means of the positioning device 28. In the disc- **record player** in accordance with the invention this position is dictated by the location of the **turntable** 78, so that the central axis of the disc coincides with the axis of rotation...

...SPECIFICATION frictional forces occur. The detection unit can have a small height. This makes the disc- **record player** in accordance with the invention very suitable as a **built - in** apparatus, for example in the dashboard of a car. Another advantage of the disc- **record player** in accordance with the invention is that in the case of a suitable dimensioning and...brought into a desired position by means of the positioning device 28. In the disc- **record player** in accordance with the invention this position is dictated by the location of the **turntable** 78, so that the central axis of the disc coincides with the axis of rotation...

6/3,K/6 (Item 6 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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00264847

Improved record player.

Plattenspieler.

Tourne-disque.

PATENT ASSIGNEE:

Dennis, James T., (928930), 2312 N.W. 57th Street, Oklahoma City Oklahoma 73112, (US), (applicant designated states: DE;ES;FR;GB;IT;NL)

INVENTOR:

Dennis, James T., 2312 N.W. 57th Street, Oklahoma City Oklahoma 73112, (US)

LEGAL REPRESENTATIVE:

Bauer, Robert, Dipl.-Ing. et al , Boeters, Bauer & Partner Patentanwalte
Thomas-Wimmer-Ring 14, D-8000 Munchen 22, (DE)

PATENT (CC, No, Kind, Date): EP 271888 A2 880622 (Basic)
EP 271888 A3 910717

APPLICATION (CC, No, Date): EP 87118624 871216;

PRIORITY (CC, No, Date): US 944462 861219

DESIGNATED STATES: DE; ES; FR; GB; IT; NL

INTERNATIONAL PATENT CLASS: G11B-003/085; G11B-003/32;

ABSTRACT WORD COUNT: 87

LANGUAGE (Publication,Procedural,Application): English; English; English

...ABSTRACT A2

An automatic **record player** utilizes an **integrally** formed cam (32) on the underside of the **turntable** (16) in conjunction with a velocity trip mechanism (122, 38, 40, 41, 76) to raise...

6/3,K/7 (Item 1 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00139693 **Image available**

RESILIENT MOUNTINGS

SUPPORTS ELASTIQUES

Patent Applicant/Assignee:

LINN PRODUCTS LIMITED,
DALGLEISH Martin,

Inventor(s):

DALGLEISH Martin,

Patent and Priority Information (Country, Number, Date):

Patent: WO 8704557 A1 19870730

Application: WO 86GB650 19861022 (PCT/WO GB8600650)

Priority Application: GB 861732 19860124

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AT BE CH DE DK FR GB IT JP KR LU NL SE US

Publication Language: English

Fulltext Word Count: 1043

Fulltext Availability:

Detailed Description

Claims

English Abstract

...resilient mounting for a carcass (20) and platter/pick-up arm board (22) of a **phonographic turntable** comprises an **integral** silicone rubber moulding providing a diaphragm (12), an upstanding post (14), and a depending skirt...

Detailed Description

... mechanical vibration. It is particularly, but not exclusively, of application in audio equipment such as **phonographic turntable** decks, compact laser-read disk players, and tape decks.

The invention will be described herein, by way of example, principally in relation to **phonographic turntable** decks.

It is common practice in **phonographic** equipment to mount the **turntable** platter and pick-up arm on a board which in turn is mounted in a...

...passage of a fixing and levelling screw.

In a preferred form for use with a **phonographic turntable**, the post mounts a **turntable** /pick-up arm board, a skirt **integral** with the diaphragm depends therefrom to act as a foot, and a metallic ring is...

Claim

... range 30

5 The mounting of claim 4, in which the diaphragm and the parts **integral** therewith are of silicone rubber.

6 A **phonographic turntable** assembly comprising a carcass and a platter board, and a plurality of mountings in accordance...

6/3,K/8 (Item 2 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00104247

PHONOGRAPH TONE ARM SYSTEM

SYSTEME DE BRAS ACOUSTIQUE D'UN PHONOGRAPHE

Patent Applicant/Assignee:

MASTERSON ENG INC,

Inventor(s):

MASTERSON E,

Patent and Priority Information (Country, Number, Date):

Patent: WO 8100164 A1 19810122

Application: WO 80US799 19800626 (PCT/WO US8000799)

Priority Application: US 7952730 19790628

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

JP CH DE FR GB NL

Publication Language: English

Fulltext Word Count: 4191

Fulltext Availability:

Detailed Description

Claims

Detailed Description

... of

the stylus to be observed on the underside of the record from without the **phonograph** .- In addition, the **turntable** 20 is preferably transparent so that

0

X Ps T CO&I I

rt

the...a common crankshaft.

9v The apparatus of claim 8 wherein said air pump means is **integral** with said **phonograph** tone arm system,

OMPI

0

VD

Claim

... a common crankshaft.

9o The apparatus of -claim 8 wherein said air pump means is **integral** with said **phonograph** tone arm system.

2 5

JRE.A U

FE'. @@(j

OM-Pi

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The Record Collectors Guild

a website for the record collector

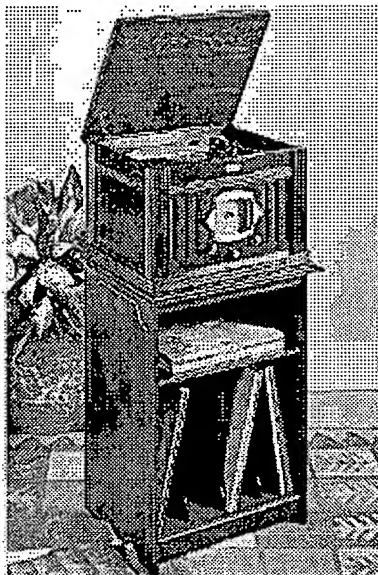


[1] [2]

Page "2" of Two.

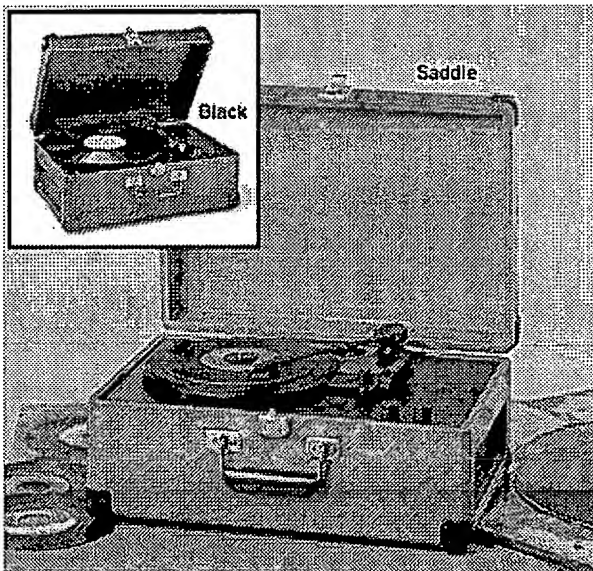
old antique

1940s-Style Turntable



Old-time radio has a hinged lid that opens to reveal a turntable that plays both 33-1/3 and 45 rpm records. Also features a cassette player, AM/FM radio, built-in amplifier and full spectrum speaker. Crafted of solid woods and veneers with a cherry finish. UL listed. Decorative turntable stand features two open shelves that provide spaces for your treasured LPs. Solid oak and oak veneers with a cherry finish. Imported. Turntable 17-1/2"W x 14-1/2"W x 11"H. Stand 19-1/2"W x 15-1/2"W x 25-1/2"H.

[More Info](#)



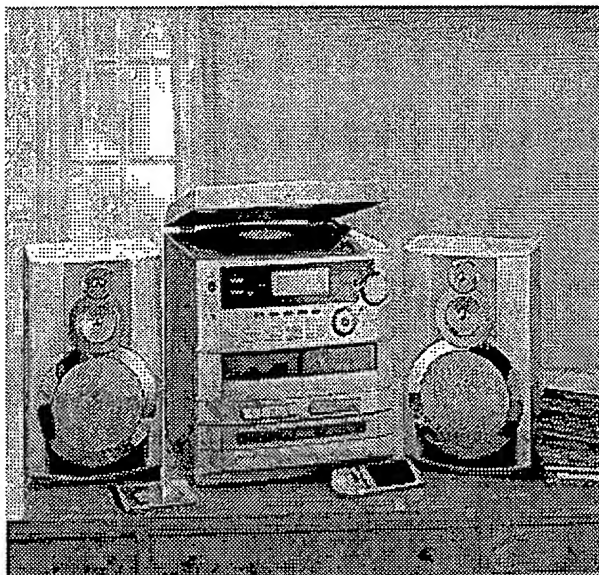
Vinyl Travel Turntable +

Remember when turntables and vinyl records were the craze? Well, to restore your vinyl lovin soul, Crosley presents this portable, dual-amplified Stereo Record Player. Just pop open the lid of this beauty and inside you will find a finely engineered, belt-driven, three-speed turntable that spins 33s, 45s and 78s. All this is neatly stored in

a portable vinyl case complete with a handle that locks. Plug it in and rock to music almost anywhere with the 110-volt AC adapter plug, which is removable and can be rolled up and stored conveniently inside the case. Features 2 controls—volume and tone, and has dual-amplification speakers.

Closed, the case measures 7"H x 16"W x 11"D. UL listed. Imported.

[More Info](#)



PX 5-CD Stereo Home Music System with Turntable

Get those solid gold albums out of storage! This system comes complete with a full-size, two-speed belt-drive turntable on top that plays 33s and 45s. 5-CD/CDR drawer-load changer has 4-track programming, repeat/random play, CD-intro, song skip/search and play/pause/stop. PLL

digital AM/FM stereo radio has 40 station presets. Dual cassette decks provide continuous play, high-speed dubbing, auto-stop or tape-end and automatic level control (ALC) recording. Also features four preset equalizer settings, clock with sleep timer, stereo headphone jack, 5-1/2" full-range speaker system with metal mesh grilles and a full-featured remote. Center unit: 12-3/5"W x 14-1/4"D x 17-3/5"H. Each speaker: 9-7/10"W x 8-1/5"D x 16"H. UL listed. Imported.

[More Info](#)

☒ Nostalgia AM/FM-Turntable (black)

Nostalgia AM/FM-Turntable (black)

Nostalgic radio-turntable to remind you of double features at the movies and cruising in a '57 Chevy! Plays 33 1/3 /45/78 RPM! What do you associate with the 1950s? Jukeboxes and diners? Bill Haley and the Comets? Penny candy, bobby pins, playing cowboys and Indians, skates with keys, wax lips, flunking a test at school for chewing gum? The people at TEAC thought of it all to create a nostalgic interpretation of the era in this wonderful radio and turntable. Like an old-style phonograph,

it plays three speeds: 33 1/3, 45, and 78 RPM. But performance and sound are strictly 21st century featuring a full-size, belt-driven turntable and stereo AM/FM radio. To give it that good old days feeling, it has rotary knobs and a

metal speaker grille reminiscent of an old jukebox. Measures about 15" square x 7" high. Output jacks for optional connection to another system. Comes with 45 RPM adapter!

[More Info](#)

☒ Nostalgia AM/FM/turntable Entertainment Center

Nostalgia AM/FM/turntable Entertainment Center

Looks like 1942. Sounds like 2002. And yes, it plays all records, even 78s! Nostalgia PlusFloor Model AM/FM/Turntable/CD/Cassette Center These beautiful stereos have the style of the original minus the tinny sound. You'll be using real knobs instead of push buttons, but your AM/FM stations will come in with the full depth and clarity you'd expect in a fine, advanced music system. Beneath the lid of the handcrafted wood finish chassis is a hard to find, belt-driven 3-speed

turntable that plays ALL your vinyl including 78 RPM masterpieces! Two speakers resonate with full-range stereo sound. In the old days, you also had to buy separate cabinets for your radio and phonograph. Now you can have it all under one roof a beautifully reproduced cabinet embellished with authentic details. Nostalgia Plus AM/FM/Turntable/CD/Cassette Center The Nostalgia stereo system (15 1/8"W x 9"H x 13"D) comes with turntable and AM/FM radio. The Nostalgia Plus and the Nostalgia Plus Floor Model also have front loading CD player, cassette deck and headphone jack! These models let you transfer records, CDs, and radio broadcasts onto audio cassettes! The Nostalgia Plus measures 20"W x 12"H x 13"D. The NEW Nostalgia Plus Floor Model reminds us of the old Victrola cabinets from days gone by. It measures 15"W x 32"H x 14"D. (Does not play 78 RPM). Add an additional \$35 to regular shipping charges for Nostalgia Plus and Nostalgia Floor Models. No, this isn't Grandma's radio; it only looks that way! In the 1930s and 40s the radio was a major focus of family life and was often a handsome piece of furniture. These beautiful stereos have the style of the original minus the tinny sound. You'll be using real knobs instead of push buttons, but your AM/FM stations will come in with the full depth and clarity you'd expect in a fine, advanced music system. Beneath the lid of the handcrafted wood finish chassis is a hard to find, belt-driven 3-speed record player turntable that plays ALL your vinyl including 78 RPM masterpieces! Two speakers may look like originals, but actually resonate with full-range stereo sound. In the old days, you also had to buy separate cabinets for your radio and "phonograph." Now you can have it all under one "roof" a beautifully reproduced cabinet embellished with authentic details. Nostalgia Plus, The Nostalgia stereo system (15 1/8"W x 13"D x 9"H) comes with turntable and AM/FM radio. The Nostalgia Plus (measures 20"W x 12"H x 13"D) also has a front loading CD player and cassette deck! Includes headphone jack.

[More Info](#)

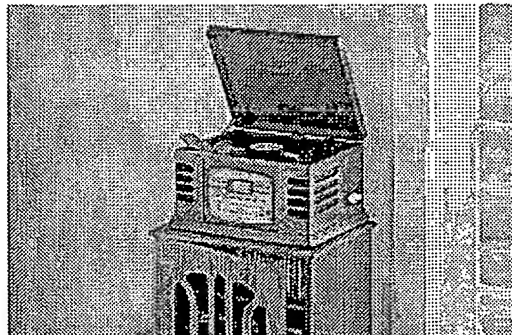
☒ Nostalgia Plus AM/FM/Turntable/CD/Cassette

Nostalgia Plus

AM/FM/Turntable/CD/Cassette Center

Looks like 1942. Sounds like 2002. And yes, it plays all records, even 78s! Nostalgia Plus Floor Model AM/FM/Turntable/CD/Cassette Center These beautiful stereos have the style of the original minus the tinny sound. You'll be using real knobs instead of push buttons, but your AM/FM stations will come in with the full depth and clarity you'd expect in a fine, advanced music system. Beneath the lid of the handcrafted wood finish chassis is a hard to find, belt-driven 3-speed turntable that plays ALL your vinyl including 78 RPM masterpieces! Two speakers resonate with full-range stereo sound. In the old days, you also had to buy separate cabinets for your radio and phonograph. Now you can have it all under one roof a beautifully reproduced cabinet embellished with authentic details. Nostalgia Plus AM/FM/Turntable/CD/Cassette Center The Nostalgia stereo system (15 1/8"W x 9"H x 13"D) comes with turntable and AM/FM radio. The Nostalgia Plus and the Nostalgia Plus Floor Model also have front loading CD player, cassette deck and headphone jack! These models let you transfer records, CDs, and radio broadcasts onto audio cassettes! The Nostalgia Plus measures 20"W x 12"H x 13"D. The NEW Nostalgia Plus Floor Model reminds us of the old Victrola cabinets from days gone by. It measures 15"W x 32"H x 14"D. (Does not play 78 RPM). Add an additional \$35 to regular shipping charges for Nostalgia Plus and Nostalgia Floor Models. No, this isn't Grandpa's radio; it only looks that way! In the 1930s and 40s the radio was a major focus of family life and was often a handsome piece of furniture. These beautiful stereos have the style of the original minus the tinny sound. You'll be using real knobs instead of push buttons, but your AM/FM stations will come in with the full depth and clarity you'd expect in a fine, advanced music system. Beneath the lid of the handcrafted wood finish chassis is a hard to find, belt-driven 3-speed record player turntable that plays ALL your vinyl including 78 RPM masterpieces! Two speakers may look like originals, but actually resonate with full-range stereo sound. In the old days, you also had to buy separate cabinets for your radio and "phonograph." Now you can have it all under one "roof" a beautifully reproduced cabinet embellished with authentic details. Nostalgia Plus, The Nostalgia stereo system (15 1/8"W x 13"D x 9"H) comes with turntable and AM/FM radio. The Nostalgia Plus (measures 20"W x 12"H x 13"D) also has a front loading CD player and cassette deck! Includes headphone jack.

[More Info](#)



Turntable Cabinet with Storage

Dig out the albums and play those unforgettable tunes available only on vinyl. Though it plays 33, 45 and 78 rpm records,

this retro-styled entertainment center, with its hand-woven grille cloth, only looks vintage its the utmost in versatile audio entertainment. It combines digital AM/FM radio, a front-loading multi-function CD player and a side-mounted cassette player, all run by a full-function remote. 17-3/4"W x 14"D x 9-1/4"H. Crafted of hardwoods with a cherry veneer. Limited warranty. UL listed. Imported. The matching turntable cabinet has a single door with flared open design backed by wire mesh to look like an old-fashioned box speaker. One fixed and two adjustable shelves for versatility. Crafted of solid oak veneer in a medium cherry finish over fiberboard. 20"W x 15-1/2"D x 30"H. Assembly is required. Imported.

[More Info](#)



Classic Portable Turntable

This classic record player is for those who appreciate vinyl. Belt-driven turntable plays 45, 33-1/3 and 78 rpm records. Twin full-range stereo speakers are built into the unit. Diamond-tipped stylus. Classic design, covered with a classic brown tweed fabric. Includes 6-ft. detachable power cord and molded carrying handle. 17"W x 11"D x

7"H. UL listed. Imported.

[More Info](#)



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Page "2" of Two.

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Vintage Jukeboxes

1946 Wurlitzer® 1015 Replica 10-CD Jukebox

This 3/4 size jukebox is the finest replica of the most famous jukebox ever produced, the **Wurlitzer® 1946 Model 1015**. Updated for our times, this jukebox features a state-of-the-art Sanyo 10 compact disc changer, an AM/FM radio, a full function remote control and a 42-disc storage base.

The neon columns on this old style jukebox, produces a rainbow of dazzling colors and bubbles merrily percolate, producing nostalgic hypnotic effects. Our replica is detailed in chrome and is housed in a fine wood cabinet. Four speakers and four transformers are thermostatically controlled to keep the internal components cool for hours of endless enjoyment.

This Wurlitzer replica stands 54 inches tall and is a compliment to any entertainment room. Each unit is individually checked and tested extensively to meet the highest standards of quality workmanship.



[Click for
larger view](#)

Jukebox Features:

- Front Loading 10 Deck Compact Disk Changer.
- Programmable Random Play and Repeat Play.
- AM/FM Radio with Electronically Assisted Tuner.
- Programmable Radio Station Presets.
- Full Function Remote Control.
- Percolating Bubble Tubes and Neon Lighting.
- Four Dynamic Full Range Stereo Speakers and Four Transformers.
- External Speaker Outputs (Spring Clip Terminal Type).
- Thermostatically Controlled Cooling Fan.
- 42 Disc Storage Base.

NOTE: The CR-12-03 and the CR-12-10 are nearly identical in appearance and are the same height, width and depth in size. The difference is primarily in the number of CD's that they hold.

NEW: You can now view the New user manual for the CR-12-10 online.

[Click Here to View the User Manual and Unpacking Instructions.](#)

Item # CR12-10

Dimensions 25"w x 54"h x 16.5"d

Shipping Weight 97 Pounds

\$1795.95 Free Shipping in the Continental USA!

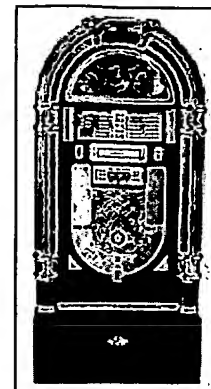
[+ add to cart](#)

1946 Wurlitzer® 1015 Replica 3-CD Jukebox

This 3/4 size jukebox is almost identical to the 10 CD model shown above and includes a state-of-the-art Sanyo 3 compact disc changer, an AM/FM radio, a full function remote control and a 42-disc storage base.

The neon columns produce a rainbow of dazzling colors and bubbles merrily percolate, producing nostalgic hypnotic effects. It is detailed in chrome and is housed in a fine wood cabinet. Four speakers and four transformers are appropriately vented to keep the internal components cool for hours of endless enjoyment.

The CR-12-03 three CD model has a stacking CD storage system. It stands 54 inches tall and is a compliment to any entertainment room. Each unit is individually checked and tested extensively to meet the highest standards of quality workmanship.



[Click for
larger view](#)

Jukebox Features:

- Front Loading Triple Deck Compact Disk Changer.
- Programmable 32-track Memory with Random Play and Repeat Play.
- AM/FM Radio with Electronically Assisted Tuner.
- Tone Control.
- BBE Enhanced Bass (Equalizer).
- Full Function Remote Control.
- Percolating Bubble Tubes and Neon Lighting.
- Four Dynamic Full Range Stereo Speakers and Four Transformers.
- External Speaker Outputs (Spring Clip Terminal Type).
- 42 Disc Storage Base.

NOTE: The CR-12-03 and the CR-12-10 are nearly identical in appearance and are the same height, width and depth in size. The difference is primarily in the number of CD's that they hold.

NEW: You can now view the New user manual for the CR-12-03 online.

[Click Here to View the User Manual and Unpacking Instructions.](#)

Item # CR12-3

Dimensions 25"w x 54"h x 16.5"d

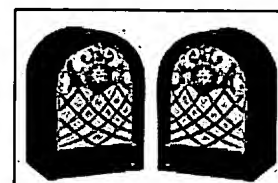
Shipping Weight 97 Pounds

\$1395.95 Free Shipping in the Continental USA!

[+ add to cart](#)

Wurlitzer® 1015 Replica Jukebox External Speaker Set

This beautifully handcrafted external speaker set enhances your jukebox's already wonderful sound quality by providing a truly exceptional sound experience. They serve as the perfect compliment complete with coordinating grill cover and hardwood cabinet. A great accessory for the CR-12-10 and CR-12-2 Bubbler jukeboxes shown above. Set of two external speakers.



[Click for larger view](#)

[Click Here to see the Speakers/Jukebox combo image.](#)

Features:

- Tuned Enclosure.
- Woven Grill Cloth With Chrome Grill Cover Accents.
- UL Listed,
- 90 Day Limited Warranty.

Item # SP-12

Dimensions 10.5"w x 14.5"h x 7.5"d

Shipping Weight 19 Pounds

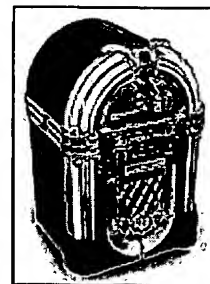
\$129.99 Free Shipping in the Continental USA![+ add to cart](#)

RCA "Hollywood" 3-CD Jukebox

This nostalgic 3/4 size jukebox includes a 3 CD changer and an AM/FM radio. It features yellow, red and green decorative lights with black and metal accents. The window shows the CD's as they change.

Jukebox Features:

- 3 CD Player (holds 3 CD's at Once).
- Jukebox Window Shows CD's Changing.
- AM/FM Analog Radio.
- Decorative lighting.
- 1-Line Digital LCD Display.
- Full Function Remote.
- 90 Day Limited Warranty.



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larger view](#)

New

Item # RCA-HOLLYWOOD

Dimensions 26"w x 44"h x 15"d

Actual Weight 54.8 Pounds

\$569.99 Free Shipping in the Continental USA![+ add to cart](#)

Elvis Presley® "Baby-Bubbler" Jukebox With CD Player

Elvis Presley® became the most powerful force in the rock and roll generation with his trademark gyrating pelvis and long sideburns, he had an energy that oozed from every performance. And what better way to celebrate The King of Rock and Roll® than with this 1946 reproduction of an authentic Wurlitzer 1015 Jukebox.

This limited edition Elvis Presley® Baby-Bubbler jukebox features percolating bubble tubes complete with enough neon to light a room. Whether you remember it in the ice cream parlor, the drug store, the diner or the cocktail lounge, you're sure to enjoy this stroll down memory lane. But keep your change in your pocket and put your vinyls back on the shelf as this reproduction plays your favorite compact discs.

The Elvis Presley® Baby-Bubbler features a front-loading compact disc player combined with FM radio and stereo speakers that leave you all shook up. Add a fully functioning remote control and let the fun begin.



[Click for
larger view](#)

[Click here to see the EP-18 shown with the stand and external speakers.](#)

New

Accessories are sold separately. (See below)

Jukebox Features:

- Front Loading Compact Disc Player With LED Display.
- Full Function Remote Control With Hidden Storage.
- Programmable 20 Track Memory.
- Repeat Play.
- FM Radio With Electronically Assisted Tuner and External FM Antenna.
- Dynamic Full Range Stereo Speakers.
- Decorative Musical Play List.
- White Wood Cabinet.
- Percolating Bubble Tubes and Authentic Neon Lighting.
- External Speaker Outputs. (Optional Component Speakers Available.)
- Optional Stand Available.
- Elvis Presley® Certificate of Authenticity.
- Signature Elvis Presley® Product.
- UL Listed.
- 90 Day Limited Warranty.

Item # EP-18

Dimensions 12"w X 18"h X 9.5"d

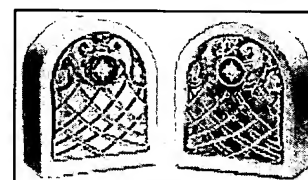
Shipping Weight 22 Pounds

\$299.99 Free Shipping in the Continental USA!

[+ add to cart](#)

Elvis Presley® "Baby-Bubbler" Jukebox External Speaker Set

This beautifully handcrafted external speaker set enhances your jukebox's already wonderful sound quality by providing a truly exceptional sound experience. They serve as the perfect compliment complete with coordinating grill cover and hardwood cabinet. A great accessory for the Elvis Presley® EP-18 Baby-Bubbler jukebox. Set of two external speakers styled to match the EP-18 shown above.



[Click for larger view](#)

Features:

- 4" Dynamic Full Range Speakers.
- 20 Watt RMS - 4 OHMS.
- Tuned Enclosure.
- Woven Grill Cloth With Chrome Grill Cover Accents.
- White Wood Finish to Match the EP-18 Jukebox.
- UL Listed.
- 90 Day Limited Warranty.

Item # EP-14

Dimensions 10.5"w x 13"h x 5.25"d

Shipping Weight 11 Pounds

\$119.99 Free Shipping in the Continental USA!

[+ add to cart](#)

Elvis Presley® "Baby-Bubbler" Jukebox Base

White console base with storage for use with the EP-18 Baby-Bubbler jukebox.

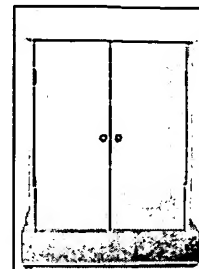
Item # EP-16

Dimensions 12"w x 20.5"h x 9"d

Shipping Weight 18 Pounds

\$99.99

[+ add to cart](#)



[Click for
larger view](#)

1946 Wurlitzer® "Mini-Bubbler" Jukebox With CD Player

This Wurlitzer® "Mini Bubbler" CD player is an 18" tall replica of the original 1946 Wurlitzer® 1015 Jukebox. This compact sound system is perfect for a bookshelf or table top use. The neon columns produce a rainbow of dazzling colors and bubbles merrily percolate, producing nostalgic hypnotic effects.

Jukebox Features:

- Hand Crafted Mahogany Hardwood Cabinet.
- Front Loading Compact Disc Player With LED Display.
- Programmable 20 Track Memory.
- Repeat Play.
- Dynamic Full Range Stereo Speakers.
- Decorative Musical Play List.
- FM Radio With Electronically Assisted Tuner and External Antenna.
- Stereo Sound With Two 4" Speakers and Built in Amplifier - Speaker Jacks For Additional Accessory Speakers Shown Below.
- 12 button "Mini-Jukebox" Remote.
- Storage Compartment in Rear.
- Red, Green and Yellow Neon Lights With Bubble Tube Accents.
- Available Accessories Include External Speakers and Beautifully Handcrafted Hardwood Base Cabinet.
- UL Listed.

90 Day Limited Warranty.

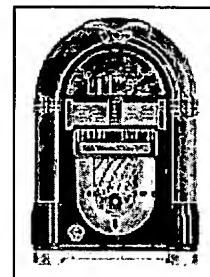
Item # WR-18

Dimensions 12"w X 18"h X 9.5"d

Shipping Weight 21 Pounds

\$269.99 Free Shipping in the Continental USA!

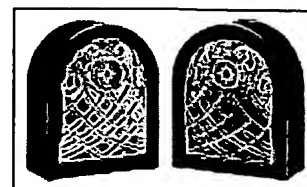
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Wurlitzer® "Mini-Bubbler" Jukebox External Speaker Set

This beautifully handcrafted external speaker set enhances your jukebox's already wonderful sound quality by providing a truly exceptional sound experience. They serve as the perfect compliment complete with coordinating grill cover and hardwood cabinet. A great accessory for the Wurlitzer® WR-18 Mini-Bubbler jukebox. Set of two external speakers styled to match the WR-18 shown above.



[Click for larger view](#)

Features:

- 4" Dynamic Full Range Speakers.
- 20 Watt RMS - 4 OHMS.
- Tuned Enclosure.
- Woven Grill Cloth With Chrome Grill Cover Accents.
- Mahogany Finish to Match the WR-18 Jukebox.
- UL Listed.
- 90 Day Limited Warranty.

Item # WR-14

Dimensions 10.5"w x 13"h x 5.25"d

Shipping Weight 11 Pounds

\$109.99 Free Shipping in the Continental USA!

[+ add to cart](#)

Wurlitzer® "Mini-Bubbler" Jukebox Base

Mahogany console base with storage for use with the WR-18 Mini-Bubbler, CR-11 or CR-11CD jukeboxes.

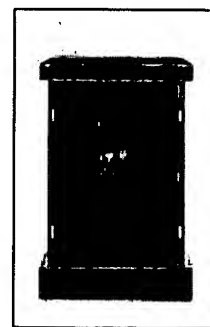
Item # WR-16

Dimensions 12"w x 20.5"h x 9"d

Shipping Weight 18 Pounds

\$89.99

[+ add to cart](#)



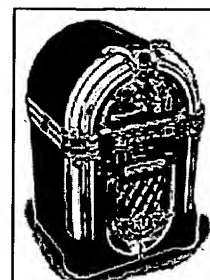
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RCA 3-CD Mini Jukebox

This nostalgic colorful mini jukebox includes a 3 CD changer and an AM/FM radio. It features yellow, red and green decorative lights with black and metal accents. The window shows the CD's as they change.

Jukebox Features:

- 3 CD Player (holds 3 CD's at Once).
- Jukebox Window Shows CD's Changing.
- AM/FM Analog Radio.
- Decorative lighting.



[Click for](#)

- 1-Line Digital LCD Display.
- AC/DC Adapter.
- 90 Day Limited Warranty.

Item # RCA-3CDJUKEBOX
 Dimensions 13.2"w x 19.8"h x 11.3"d
 Shipping Weight 23.25 Pounds

[larger view](#)

New

\$329.99 Free Shipping in the Continental USA!

+ add to cart

1947 Mini Jukebox

Get ready to rock 'n' roll and enjoy all kinds of music, not just the oldies, with this 1947 jukebox replica. The song chart lifts to reveal the dial scale, and panel lights can be turned on or off. Handcrafted wood and veneer cabinet with AM/FM radio and cassette player, internal/external antennas, and full-range dynamic speakers.

Jukebox Features:

- AM/FM Radio with Cassette Player.
- Dynamic Full Range Stereo Speakers.
- Electronically Assisted Tuner.
- 90 Day Limited Warranty.
- UL Listed.

Item # CR-11
 Dimensions 10 1/4"w x 14 1/4"h x 7 1/4"d
 Shipping Weight 13 Pounds

\$99.99

+ add to cart



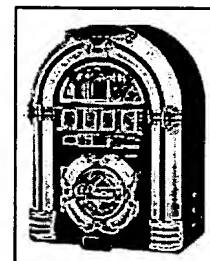
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larger view](#)

1947 Mini Jukebox With CD Player

Get ready to Rock 'n' Roll and enjoy all kinds of music, not just the oldies, with this 1947 jukebox replica with CD. The song chart lifts to reveal the dial scale, and panel lights can be turned on or off. Vertical opening CD player is located on the front grill panel. Handcrafted wood and veneer cabinet with AM/FM radio and CD player, internal/external antennas, and full range dynamic speaker.

Jukebox Features:

- AM/FM Radio with External FM Antenna.
- Front Loading Single Compact Disk Player.
- Dynamic Full Range Stereo Speakers.
- Electronically Assisted Tuner.
- 90 Day Limited Warranty.
- UL Listed.



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Out of Stock

Item # CR-11CD

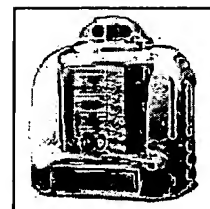
Dimensions 10 1/4"w x 14 1/4"h x 7 3/4"d

Shipping Weight 9 Pounds

\$139.99 Free Shipping in the Continental USA![+ add to cart](#)

1950's Select-O-Matic Diner Jukebox With Cassette Player

Roadside diners of America boasted countertop jukeboxes like the 1950's Select-O-Matic, which features a state of the art AM/FM radio with cassette player. The lighted song chart has pages that turn and the selection buttons conceal the dial scale. ABS chrome dipped cabinet, high fidelity speaker, internal/external antennas, on/off switch controls panel lights. 90 Day limited warranty. UL listed.



[Click for
larger view](#)

Jukebox Features:

- AM/FM Radio with Cassette Player.
- Dynamic Full Range Stereo Speakers.
- Electronically Assisted Tuner.

Item # CR-10

Dimensions 12"w x 13"h x 5 1/4"d

Shipping Weight 10 Pounds

\$99.99[+ add to cart](#)[DCW Home](#)

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\$100!*



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